



## ANALYTICAL DATA REPORT

JMC Environmental Consultants  
2109 Bridge Avenue  
Building B  
Point Pleasant, NJ 08742

Project Name: **ARSYNCO**  
IAL Case Number: **E12-09301**

These data have been reviewed and accepted by:



Michael H. Lefin, Ph.D.  
Laboratory Director

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Integrated Analytical Laboratories, LLC. The test results included in this report relate  
only to the samples analyzed.

# Sample Summary

**IAL Case No.**

**E12-09301**

**Client** JMC Environmental Consultants

**Project** ARSYNCO

**Received On** 9/13/2012@17:30

<b>Lab ID</b>	<b>Client Sample ID</b>	<b>Depth Top/Bottom</b>	<b>Sampling Time</b>	<b>Matrix</b>	<b># of Container</b>
09301-001	GG-35 (0-2.0)	0/2	9/13/2012@09:42	Soil	1
09301-002	GG-35 (2.0-4.0)	2/4	9/13/2012@09:43	Soil	1
09301-003	GG-35 (4.0-5.0)	4/5	9/13/2012@09:44	Soil	1
09301-004	GG-35 (5.0-6.0)	5/6	9/13/2012@09:45	Soil	1
09301-005	Y-32 (0-2.0)	0/2	9/13/2012@10:16	Soil	1
09301-006	Y-32 (2.0-4.0)	2/4	9/13/2012@10:17	Soil	1
09301-007	Y-32 (4.0-5.0)	4/5	9/13/2012@10:18	Soil	1
09301-008	Y-32 (5.0-6.0)	5/6	9/13/2012@10:19	Soil	1
09301-009	Y-31 (0-2.0)	0/2	9/13/2012@10:47	Soil	1
09301-010	Y-31 (2.0-4.0)	2/4	9/13/2012@10:48	Soil	1
09301-011	Y-31 (4.0-5.0)	4/5	9/13/2012@10:49	Soil	1
09301-012	Y-31 (5.0-6.0)	5/6	9/13/2012@10:50	Soil	1
09301-013	Y-30 (0-1.0)	0/1	9/13/2012@11:20	Soil	1
09301-014	Y-30 (1.0-2.0)	1/2	9/13/2012@11:21	Soil	1
09301-015	Y-30 (2.0-4.0)	2/4	9/13/2012@11:22	Soil	1
09301-016	Y-30 (4.0-5.0)	4/5	9/13/2012@11:23	Soil	1
09301-017	Y-30 (5.0-6.0)	5/6	9/13/2012@11:24	Soil	1
09301-018	Z-30 (0-2.0)	0/2	9/13/2012@11:40	Soil	1
09301-019	Z-30 (2.0-4.0)	2/4	9/13/2012@11:41	Soil	1
09301-020	Z-30 (4.0-5.0)	4/5	9/13/2012@11:42	Soil	1
09301-021	Z-30 (5.0-6.0)	5/6	9/13/2012@11:43	Soil	1
09301-022	Z-30 (6.0-8.0)	6/8	9/13/2012@11:44	Soil	1
09301-023	Z-31 (0-2.0)	0/2	9/13/2012@12:00	Soil	1
09301-024	Z-31 (2.0-4.0)	2/4	9/13/2012@12:01	Soil	1
09301-025	Z-31 (4.0-5.0)	4/5	9/13/2012@12:02	Soil	1
09301-026	Z-31 (5-5.25)	5/5.25	9/13/2012@12:03	Soil	1
09301-027	Z-31 (5.25-6.0)	5.25/6	9/13/2012@12:04	Soil	1
09301-028	W-40 (6.5-7.0)	6.5/7	9/13/2012@13:07	Soil	1
09301-029	W-40 (7.0-8.0)	7/8	9/13/2012@13:08	Soil	1
09301-030	W-40 (8.0-9.0)	8/9	9/13/2012@13:09	Soil	1
09301-031	W-40 (9.0-10.0)	9/10	9/13/2012@13:10	Soil	1
09301-032	U-38 (8.0-9.0)	8/9	9/13/2012@13:27	Soil	1
09301-033	U-38 (6.0-7.0)	6/7	9/13/2012@13:25	Soil	1
09301-034	U-38 (7.0-8.0)	7/8	9/13/2012@13:26	Soil	1
09301-035	T-35 (0-1.0)	0/1	9/13/2012@13:55	Soil	1
09301-036	T-35 (1.0-2.0)	1/2	9/13/2012@13:56	Soil	1
09301-037	T-35 (2.0-4.0)	2/4	9/13/2012@13:57	Soil	1
09301-038	T-35 (4.0-5.0)	4/5	9/13/2012@13:58	Soil	1
09301-039	T-35 (5.0-6.0)	5/6	9/13/2012@13:59	Soil	1
09301-040	U-35 (0-2.0)	0/2	9/13/2012@14:25	Soil	1
09301-041	U-35 (2.0-4.0)	2/4	9/13/2012@14:26	Soil	1
09301-042	U-35 (4.0-5.25)	4/5.25	9/13/2012@14:27	Soil	1
09301-043	U-35 (5.25-6.0)	5.25/6	9/13/2012@14:28	Soil	1
09301-044	Z-32 (0-2.0)	0/2	9/13/2012@12:25	Soil	1
09301-045	Z-32 (2.0-4.0)	2/4	9/13/2012@12:26	Soil	1
09301-046	Z-32 (4.0-5.0)	4/5	9/13/2012@12:27	Soil	1

# Sample Summary

IAL Case No.

E12-09301

Client JMC Environmental Consultants

Project ARSYNCO

Received On 9/13/2012@17:30

Lab ID	Client Sample ID	Depth Top/Bottom	Sampling Time	Matrix	# of Container
09301-047	Z-32 (5.0-5.5)	5/5	9/13/2012@12:28	Soil	1
09301-048	Z-32 (5.5-6.0)	5.5/6	9/13/2012@12:29	Soil	1
09301-049	FB-42	n/a	9/13/2012@14:40	Aqueous	2

# INTEGRATED ANALYTICAL LABORATORIES, LLC.

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This report was finalized on November 14, 2012

\* Methodology is included in the IAL Project Information Page

# INTEGRATED ANALYTICAL LABORATORIES, LLC.

## DEFINITIONS / QUALIFIERS

### DATA QUALIFIERS

- B** Indicates the analyte was found in the associated method blank as well as in the sample.  
It indicates probable laboratory contamination.
- C** Indicates analyte is a common laboratory contaminant.
- D** Indicated analyte was reported from diluted analysis.
- E** Identifies a compound concentration that exceeds the upper level of the calibration range of the instrument for that specific analysis.
- J** Indicates an estimated value. This flag is used when the concentration in the sample is below the RL but above the MDL.

### REPORTING DEFINITIONS

**RL** Reporting Limit. The RL is determined by the lowest concentration in the calibration curve. For most Wet Chemistry methods, the RL is defined by using the PQL.

**MDL** Method Detection Limit as determined according to 40CFR Part 136 Appendix B.

**PQL** Practical Quantitation Limit. Usually defined as a value 3-5 times the MDL.

**ND** Indicates analyte was analyzed for but not detected above the MDL.

**DF** Dilution Factor

**LCS** Laboratory Control Sample

**LCSD** Laboratory Control Sample Duplicate

**MS** Matrix Spike

**MSD** Matrix Spike Duplicate

**DUP** Duplicate

## **CONFORMANCE / NON-CONFORMANCE SUMMARIES**

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**INTEGRATED ANALYTICAL LABORATORIES, LLC.**

**CONFORMANCE / NONCONFORMANCE SUMMARY**

Integrated Analytical Laboratories, LLC. received one (1) aqueous and forty-eight (48) soil sample(s) from JMC Environmental Consultants (IAL SDG # E12-09301, Project: ARSYNCO) on September 13, 2012 for the analysis of:

(47) TCL PCB

A review of the QA/QC measures for the analysis of the sample(s) contained in this report has been performed by:

Reviewed by

11 | 13 | 12  
Date

# SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E12-09301

PCB By 8082

Batch ID: 120921-02

Matrix: Soil

- |           |   |
|-----------|---|
| QC        | <ul style="list-style-type: none"><li>- Calibration Curve met QC criteria.</li><li>- Surrogate Percent Recovery did not meet QC criteria. for samples 005,009,013,001 surrogate diluted out</li><li>- Method Blank met QC criteria.</li><li>- LCS Percent Recovery met QC criteria.</li><li>- MS/MSD Percent Recovery met QC criteria.</li><li>- RPD between MS/MSD met QC criteria.</li><li>- The RPD between the primary and secondary column was &gt;40% for the following samples: 018. Per SW-846 8000C, the lower of the two concentrations were reported.</li></ul>  |
| E12-09301 | <ul style="list-style-type: none"><li>- All samples were extracted within holding time.</li><li>- All samples were analyzed within holding time.</li><li>- Retention Time Shift met QC criteria.</li><li>- Job: E12-09301 (PCB)<br/>The following sample(s) does not meet the NJ SRS:<br/>09301-001 needed a 100x dilution for high concentration of 1248<br/>09301-002 needed a 10x dilution for high concentration of 1248<br/>09301-005 needed a 100x dilution for high concentration of 12481260<br/>09301-009 needed a 100x dilution for high concentration of 12481260<br/>09301-013 needed a 100x dilution for high concentration of 1248<br/>rest of the samples were performed with no dilutions</li></ul> |

# SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E12-09301

PCB By 8082

Batch ID: 120924-11

Matrix: Soil

QC

- Calibration Curve met QC criteria.
- Surrogate Percent Recovery did not meet QC criteria. for samples 021,040,032,MS,MSD surrogate diluted out
- Method Blank met QC criteria.
- LCS Percent Recovery met QC criteria.
- MS/MSD Percent Recovery did not meet QC criteria. MS/MSD FAILED CRITERIA DUE TO MATRIX INTERFERENCE
- RPD between MS/MSD did not meet QC criteria.
- The RPD between the primary and secondary column was >40% for the following samples: 23,24,36. Per SW-846 8000C, the lower of the two concentrations were reported.

035 11/13/12

E12-09301

- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.
- Job: E12-09301 (PCB)

The following sample(s) does not meet the NJ SRS:

09301-021 needed a 100x dilution for dirty matrix

09301-035 needed a 1000x dilution for high concentration of 1254

09301-036 needed a 10x dilution for high concentration of 12541260

09301-040 needed a 100x dilution for high concentration of 1254

rest of samples for job E12-09301 batch 120924-11 performed with no dilutions

# SAMPLE DELIVERY GROUP CASE NARRATIVE

**SDG#: E12-09301**

PCB By 8082

<b>Batch ID:</b> 120924-12	<b>Matrix:</b> Soil
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- QC**
- Calibration Curve met QC criteria.
  - Surrogate Percent Recovery did not meet QC criteria. FOR SAMPLE 044 SURROGATE DILUTED OUT
  - Method Blank met QC criteria.
  - LCS Percent Recovery met QC criteria.
  - MS/MSD Percent Recovery met QC criteria.
  - RPD between MS/MSD met QC criteria.
  - The RPD between the primary and secondary column was >40% for the following samples: 041,042,045,047. Per SW-846 8000C, the lower of the two concentrations were reported.
- E12-09301**
- All samples were extracted within holding time.
  - All samples were analyzed within holding time.
  - Retention Time Shift met QC criteria.
  - Job: E12-09301 (PCB)  
The following sample(s) does not meet the NJ SRS:  
09301-044 needed a 100x dilution for high concentration of 1248  
09301-045 needed a 10x dilution for high concentration of 12481260  
REST OF THE SAMPLES FOR JOB E12-09301 BATCH 120924-12 PERFORMED WITH NO DILUTIONS

# SAMPLE DELIVERY GROUP CASE NARRATIVE

**SDG#: E12-09301**

PCB By 8082

<b>Batch ID:</b> 120920-06	<b>Matrix:</b> Aqueous
----------------------------	------------------------

- |                  |  |
|------------------|--|
| <b>QC</b>        | - Calibration Curve met QC criteria.<br>- Surrogate Percent Recovery met QC criteria.<br>- Method Blank met QC criteria.<br>- LCS Percent Recovery met QC criteria.<br>- MS/MSD Percent Recovery met QC criteria.<br>- RPD between MS/MSD met QC criteria. |
| <b>E12-09301</b> | - All samples were extracted within holding time.<br>- All samples were analyzed within holding time.<br>- Retention Time Shift met QC criteria.<br>- NO DILUTIONS WERE PERFORMED FOR JOB E12-09301 BATCH 120920-06  |

## **RESULTS SUMMARY REPORT**

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**INTEGRATED ANALYTICAL LABORATORIES, LLC.**

**SUMMARY REPORT**

**Client: JMC Environmental Consultants**  
**Project: ARSYNCO**  
**Lab Case No.: E12-09301**

<b>Lab ID:</b>	09301-049								
<b>Client ID:</b>	FB-42								
<b>Matrix:</b>	Aqueous								
<b>Sampled Date</b>	9/13/12								
<b>PARAMETER(Units)</b>	Conc	Q	MDL						
<b>PCB's (Units)</b>	<i>(mg/L-ppm)</i>								
Aroclor-1016	ND	0.00002							
Aroclor-1221	ND	0.00002							
Aroclor-1232	ND	0.00002							
Aroclor-1242	ND	0.00002							
Aroclor-1248	ND	0.00002							
Aroclor-1254	ND	0.00002							
Aroclor-1260	ND	0.00002							
Aroclor-1262	ND	0.00002							
Aroclor-1268	ND	0.00002							
PCBs	ND	0.00002							
<b>Lab ID:</b>	09301-001	09301-002	09301-003	09301-004					
<b>Client ID:</b>	GG-35 (0-2.0)	GG-35 (2.0-4.0)	GG-35 (4.0-5.0)	GG-35 (5.0-6.0)					
<b>Depth:</b>	0/2	2/4	4/5	5/6					
<b>Matrix:</b>	Soil	Soil	Soil	Soil					
<b>Sampled Date</b>	9/13/12	9/13/12	9/13/12	9/13/12					
<b>PARAMETER(Units)</b>	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
<b>PCB's (Units)</b>	<i>(mg/Kg-ppm)</i>		<i>(mg/Kg-ppm)</i>		<i>(mg/Kg-ppm)</i>		<i>(mg/Kg-ppm)</i>		
Aroclor-1016	ND	2.30	ND	0.227	ND	0.071	ND	0.018	
Aroclor-1221	ND	2.30	ND	0.227	ND	0.071	ND	0.018	
Aroclor-1232	ND	2.30	ND	0.227	ND	0.071	ND	0.018	
Aroclor-1242	ND	2.30	ND	0.227	ND	0.071	ND	0.018	
Aroclor-1248	132	2.30	80.6	0.227	ND	0.071	0.294	0.018	
Aroclor-1254	ND	2.30	ND	0.227	ND	0.071	ND	0.018	
Aroclor-1260	ND	2.30	ND	0.227	ND	0.071	ND	0.018	
Aroclor-1262	ND	2.30	ND	0.227	ND	0.071	ND	0.018	
Aroclor-1268	ND	2.30	ND	0.227	ND	0.071	ND	0.018	
PCBs	132	2.30	80.6	0.227	ND	0.071	0.294	0.018	
<b>Lab ID:</b>	09301-005	09301-006	09301-007	09301-008					
<b>Client ID:</b>	Y-32 (0-2.0)	Y-32 (2.0-4.0)	Y-32 (4.0-5.0)	Y-32 (5.0-6.0)					
<b>Depth:</b>	0/2	2/4	4/5	5/6					
<b>Matrix:</b>	Soil	Soil	Soil	Soil					
<b>Sampled Date</b>	9/13/12	9/13/12	9/13/12	9/13/12					
<b>PARAMETER(Units)</b>	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
<b>PCB's (Units)</b>	<i>(mg/Kg-ppm)</i>		<i>(mg/Kg-ppm)</i>		<i>(mg/Kg-ppm)</i>		<i>(mg/Kg-ppm)</i>		
Aroclor-1016	ND	1.72	ND	0.020	ND	0.077	ND	0.018	
Aroclor-1221	ND	1.72	ND	0.020	ND	0.077	ND	0.018	
Aroclor-1232	ND	1.72	ND	0.020	ND	0.077	ND	0.018	
Aroclor-1242	ND	1.72	ND	0.020	ND	0.077	ND	0.018	
Aroclor-1248	30.0	1.72	ND	0.020	ND	0.077	ND	0.018	
Aroclor-1254	ND	1.72	ND	0.020	ND	0.077	ND	0.018	
Aroclor-1260	29.5	1.72	ND	0.020	ND	0.077	ND	0.018	
Aroclor-1262	ND	1.72	ND	0.020	ND	0.077	ND	0.018	
Aroclor-1268	ND	1.72	ND	0.020	ND	0.077	ND	0.018	
PCBs	59.5	1.72	ND	0.020	ND	0.077	ND	0.018	

ND = Analyzed for but Not Detected at the MDL

E12-09301 0009

**INTEGRATED ANALYTICAL LABORATORIES, LLC.**

**SUMMARY REPORT**  
**Client: JMC Environmental Consultants**  
**Project: ARSYNCO**  
**Lab Case No.: E12-09301**

	Lab ID:	09301-009	09301-010	09301-011	09301-012			
	Client ID:	Y-31 (0-2.0)	Y-31 (2.0-4.0)	Y-31 (4.0-5.0)	Y-31 (5.0-6.0)			
	Depth:	0/2	2/4	4/5	5/6			
	Matrix:	Soil	Soil	Soil	Soil			
	Sampled Date	9/13/12	9/13/12	9/13/12	9/13/12			
PARAMETER(Units)	Conc	Q	MDL	Conc	Q			
PCB's (Units)								
Aroclor-1016	ND	2.10	ND	0.083	ND	0.039	ND	0.021
Aroclor-1221	ND	2.10	ND	0.083	ND	0.039	ND	0.021
Aroclor-1232	ND	2.10	ND	0.083	ND	0.039	ND	0.021
Aroclor-1242	ND	2.10	ND	0.083	ND	0.039	ND	0.021
Aroclor-1248	16.7	2.10	ND	0.083	ND	0.039	ND	0.021
Aroclor-1254	ND	2.10	ND	0.083	ND	0.039	ND	0.021
Aroclor-1260	35.8	2.10	ND	0.083	ND	0.039	ND	0.021
Aroclor-1262	ND	2.10	ND	0.083	ND	0.039	ND	0.021
Aroclor-1268	ND	2.10	ND	0.083	ND	0.039	ND	0.021
PCBs	52.5	2.10	ND	0.083	ND	0.039	ND	0.021
	Lab ID:	09301-013	09301-014	09301-015	09301-016			
	Client ID:	Y-30 (0-1.0)	Y-30 (1.0-2.0)	Y-30 (2.0-4.0)	Y-30 (4.0-5.0)			
	Depth:	0/1	1/2	2/4	4/5			
	Matrix:	Soil	Soil	Soil	Soil			
	Sampled Date	9/13/12	9/13/12	9/13/12	9/13/12			
PARAMETER(Units)	Conc	Q	MDL	Conc	Q			
PCB's (Units)								
Aroclor-1016	ND	2.05	ND	0.019	ND	0.018	ND	0.040
Aroclor-1221	ND	2.05	ND	0.019	ND	0.018	ND	0.040
Aroclor-1232	ND	2.05	ND	0.019	ND	0.018	ND	0.040
Aroclor-1242	ND	2.05	ND	0.019	ND	0.018	ND	0.040
Aroclor-1248	236	2.05	ND	0.019	ND	0.018	ND	0.040
Aroclor-1254	ND	2.05	ND	0.019	ND	0.018	ND	0.040
Aroclor-1260	ND	2.05	ND	0.019	ND	0.018	ND	0.040
Aroclor-1262	ND	2.05	ND	0.019	ND	0.018	ND	0.040
Aroclor-1268	ND	2.05	ND	0.019	ND	0.018	ND	0.040
PCBs	236	2.05	ND	0.019	ND	0.018	ND	0.040
	Lab ID:	09301-017	09301-018	09301-019	09301-020			
	Client ID:	Y-30 (5.0-6.0)	Z-30 (0-2.0)	Z-30 (2.0-4.0)	Z-30 (4.0-5.0)			
	Depth:	5/6	0/2	2/4	4/5			
	Matrix:	Soil	Soil	Soil	Soil			
	Sampled Date	9/13/12	9/13/12	9/13/12	9/13/12			
PARAMETER(Units)	Conc	Q	MDL	Conc	Q			
PCB's (Units)								
Aroclor-1016	ND	0.020	ND	0.017	ND	0.017		
Aroclor-1221	ND	0.020	ND	0.017	ND	0.017		
Aroclor-1232	ND	0.020	ND	0.017	ND	0.017		
Aroclor-1242	ND	0.020	ND	0.017	ND	0.017		
Aroclor-1248	ND	0.020	3.34	0.017	0.106	0.017	ND	0.017
Aroclor-1254	ND	0.020	ND	0.017	ND	0.017	ND	0.017
Aroclor-1260	ND	0.020	0.719	0.017	ND	0.017	ND	0.017
Aroclor-1262	ND	0.020	ND	0.017	ND	0.017	ND	0.017
Aroclor-1268	ND	0.020	ND	0.017	ND	0.017	ND	0.017
PCBs	ND	0.020	4.06	0.017	0.106	0.017	ND	0.017

ND = Analyzed for but Not Detected at the MDL

E12-09301 0010

**INTEGRATED ANALYTICAL LABORATORIES, LLC.**

**SUMMARY REPORT**  
**Client: JMC Environmental Consultants**  
**Project: ARSYNCO**  
**Lab Case No.: E12-09301**

	Lab ID:	09301-021	09301-022	09301-023	09301-024
PARAMETER(Units)	Client ID:	Z-30 (5.0-6.0)	Z-30 (6.0-8.0)	Z-31 (0-2.0)	Z-31 (2.0-4.0)
	Depth:	5/6	6/8	0/2	2/4
	Matrix:	Soil	Soil	Soil	Soil
	Sampled Date	9/13/12	9/13/12	9/13/12	9/13/12
PCB's (Units)		Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL
Aroclor-1016		ND 2.64	ND 0.019	ND 0.017	ND 0.016
Aroclor-1221		ND 2.64	ND 0.019	ND 0.017	ND 0.016
Aroclor-1232		ND 2.64	ND 0.019	ND 0.017	ND 0.016
Aroclor-1242		ND 2.64	ND 0.019	ND 0.017	ND 0.016
Aroclor-1248		ND 2.64	ND 0.019	2.11 0.017	0.579 0.016
Aroclor-1254		ND 2.64	ND 0.019	ND 0.017	ND 0.016
Aroclor-1260		ND 2.64	ND 0.019	2.07 0.017	ND 0.016
Aroclor-1262		ND 2.64	ND 0.019	ND 0.017	ND 0.016
Aroclor-1268		ND 2.64	ND 0.019	ND 0.017	ND 0.016
PCBs		ND 2.64	ND 0.019	4.18 0.017	0.579 0.016
	Lab ID:	09301-025	09301-026	09301-027	09301-028
PARAMETER(Units)	Client ID:	Z-31 (4.0-5.0)	Z-31 (5.5-25)	Z-31 (5.25-6.0)	W-40 (6.5-7.0)
	Depth:	4/5	5/5.25	5.25/6	6.5/7
	Matrix:	Soil	Soil	Soil	Soil
	Sampled Date	9/13/12	9/13/12	9/13/12	9/13/12
PCB's (Units)		Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL
Aroclor-1016		ND 0.017	ND 0.021	ND 0.018	ND 0.020
Aroclor-1221		ND 0.017	ND 0.021	ND 0.018	ND 0.020
Aroclor-1232		ND 0.017	ND 0.021	ND 0.018	ND 0.020
Aroclor-1242		ND 0.017	ND 0.021	ND 0.018	ND 0.020
Aroclor-1248		ND 0.017	ND 0.021	ND 0.018	ND 0.020
Aroclor-1254		ND 0.017	ND 0.021	ND 0.018	ND 0.020
Aroclor-1260		ND 0.017	ND 0.021	ND 0.018	ND 0.020
Aroclor-1262		ND 0.017	ND 0.021	ND 0.018	ND 0.020
Aroclor-1268		ND 0.017	ND 0.021	ND 0.018	ND 0.020
PCBs		ND 0.017	ND 0.021	ND 0.018	ND 0.020
	Lab ID:	09301-029	09301-030	09301-031	09301-032
PARAMETER(Units)	Client ID:	W-40 (7.0-8.0)	W-40 (8.0-9.0)	W-40 (9.0-10.0)	U-38 (8.0-9.0)
	Depth:	7/8	8/9	9/10	8/9
	Matrix:	Soil	Soil	Soil	Soil
	Sampled Date	9/13/12	9/13/12	9/13/12	9/13/12
PCB's (Units)		Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL
Aroclor-1016		ND 0.019	ND 0.018	~ ~	~ ~
Aroclor-1221		ND 0.019	ND 0.018	~ ~	~ ~
Aroclor-1232		ND 0.019	ND 0.018	~ ~	~ ~
Aroclor-1242		ND 0.019	ND 0.018	~ ~	~ ~
Aroclor-1248		ND 0.019	ND 0.018	~ ~	~ ~
Aroclor-1254		ND 0.019	ND 0.018	~ ~	~ ~
Aroclor-1260		ND 0.019	0.055 0.018	~ ~	~ ~
Aroclor-1262		ND 0.019	ND 0.018	~ ~	~ ~
Aroclor-1268		ND 0.019	ND 0.018	~ ~	~ ~
PCBs		ND 0.019	0.055 0.018	~ ~	~ ~

ND = Analyzed for but Not Detected at the MDL

~ Sample not analyzed for

E12-09301 0011

**INTEGRATED ANALYTICAL LABORATORIES, LLC.**

**SUMMARY REPORT**  
**Client: JMC Environmental Consultants**  
**Project: ARSYNCO**  
**Lab Case No.: E12-09301**

	<b>Lab ID:</b> 09301-033	<b>09301-034</b>	<b>09301-035</b>	<b>09301-036</b>
<b>PARAMETER(Units)</b>	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL
<b>PCB's (Units)</b>	<i>(mg/Kg-ppm)</i>	<i>(mg/Kg-ppm)</i>	<i>(mg/Kg-ppm)</i>	<i>(mg/Kg-ppm)</i>
Aroclor-1016	ND 0.020	ND 0.019	ND 22.6	ND 0.182
Aroclor-1221	ND 0.020	ND 0.019	ND 22.6	ND 0.182
Aroclor-1232	ND 0.020	ND 0.019	ND 22.6	ND 0.182
Aroclor-1242	ND 0.020	ND 0.019	ND 22.6	ND 0.182
Aroclor-1248	ND 0.020	ND 0.019	ND 22.6	ND 0.182
Aroclor-1254	ND 0.020	ND 0.019	9560 22.6	29.3 0.182
Aroclor-1260	0.902 0.020	0.324 0.019	ND 22.6	20.0 0.182
Aroclor-1262	ND 0.020	ND 0.019	ND 22.6	ND 0.182
Aroclor-1268	ND 0.020	ND 0.019	ND 22.6	ND 0.182
PCBs	0.902 0.020	0.324 0.019	9560 22.6	49.3 0.182
	<b>Lab ID:</b> 09301-037	<b>09301-038</b>	<b>09301-039</b>	<b>09301-040</b>
<b>PARAMETER(Units)</b>	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL
<b>PCB's (Units)</b>	<i>(mg/Kg-ppm)</i>	<i>(mg/Kg-ppm)</i>	<i>(mg/Kg-ppm)</i>	<i>(mg/Kg-ppm)</i>
Aroclor-1016	ND 0.018	ND 0.070	ND 0.020	ND 2.14
Aroclor-1221	ND 0.018	ND 0.070	ND 0.020	ND 2.14
Aroclor-1232	ND 0.018	ND 0.070	ND 0.020	ND 2.14
Aroclor-1242	ND 0.018	ND 0.070	ND 0.020	ND 2.14
Aroclor-1248	ND 0.018	ND 0.070	ND 0.020	ND 2.14
Aroclor-1254	ND 0.018	ND 0.070	0.474 0.020	31.5 2.14
Aroclor-1260	ND 0.018	ND 0.070	ND 0.020	ND 2.14
Aroclor-1262	0.267 0.018	ND 0.070	ND 0.020	ND 2.14
Aroclor-1268	ND 0.018	ND 0.070	ND 0.020	ND 2.14
PCBs	0.267 0.018	ND 0.070	0.474 0.020	31.5 2.14
	<b>Lab ID:</b> 09301-041	<b>09301-042</b>	<b>09301-043</b>	<b>09301-044</b>
<b>PARAMETER(Units)</b>	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL
<b>PCB's (Units)</b>	<i>(mg/Kg-ppm)</i>	<i>(mg/Kg-ppm)</i>	<i>(mg/Kg-ppm)</i>	<i>(mg/Kg-ppm)</i>
Aroclor-1016	ND 0.020	ND 0.046	ND 0.020	ND 1.77
Aroclor-1221	ND 0.020	ND 0.046	ND 0.020	ND 1.77
Aroclor-1232	ND 0.020	ND 0.046	ND 0.020	ND 1.77
Aroclor-1242	ND 0.020	ND 0.046	ND 0.020	ND 1.77
Aroclor-1248	2.85 0.020	2.55 0.046	ND 0.020	61.9 1.77
Aroclor-1254	ND 0.020	ND 0.046	ND 0.020	ND 1.77
Aroclor-1260	1.54 0.020	2.85 0.046	ND 0.020	ND 1.77
Aroclor-1262	ND 0.020	ND 0.046	ND 0.020	ND 1.77
Aroclor-1268	ND 0.020	ND 0.046	ND 0.020	ND 1.77
PCBs	4.39 0.020	5.40 0.046	ND 0.020	61.9 1.77

ND = Analyzed for but Not Detected at the MDL

E12-09301 0012

**INTEGRATED ANALYTICAL LABORATORIES, LLC.**

**SUMMARY REPORT**  
**Client: JMC Environmental Consultants**  
**Project: ARSYNCO**  
**Lab Case No.: E12-09301**

	Lab ID: 09301-045	09301-046			09301-047			09301-048		
Client ID: Z-32 (2.0-4.0)		Z-32 (4.0-5.0)		Z-32 (5.0-5.5)		Z-32 (5.5-6.0)				
Depth: 2/4		4/5		5/5.5		5.5/6				
Matrix: Soil		Soil		Soil		Soil				
Sampled Date 9/13/12		9/13/12		9/13/12		9/13/12		9/13/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	
PCB's (Units)	<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>			
Aroclor-1016	ND	0.201	ND	0.018	ND	0.021	ND	0.019		
Aroclor-1221	ND	0.201	ND	0.018	ND	0.021	ND	0.019		
Aroclor-1232	ND	0.201	ND	0.018	ND	0.021	ND	0.019		
Aroclor-1242	ND	0.201	ND	0.018	ND	0.021	ND	0.019		
Aroclor-1248	13.5	0.201	ND	0.018	3.76	0.021	ND	0.019		
Aroclor-1254	ND	0.201	ND	0.018	ND	0.021	ND	0.019		
Aroclor-1260	5.03	0.201	ND	0.018	1.52	0.021	ND	0.019		
Aroclor-1262	ND	0.201	0.242	0.018	ND	0.021	ND	0.019		
Aroclor-1268	ND	0.201	ND	0.018	ND	0.021	ND	0.019		
PCBs	18.5	0.201	0.242	0.018	5.28	0.021	ND	0.019		

ND = Analyzed for but Not Detected at the MDL

## **ANALYTICAL RESULTS**

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**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-001  
Client ID: GG-35\_(0-2)  
Date Received: 09/13/2012  
Date Extracted: 09/21/2012  
Date Analyzed: 09/24/2012  
Data file: R3974.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.23g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 100  
% Moisture: 33.5

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		5.75	2.30
Aroclor-1221	ND		5.75	2.30
Aroclor-1232	ND		5.75	2.30
Aroclor-1242	ND		5.75	2.30
Aroclor-1248	132		5.75	2.30
Aroclor-1254	ND		5.75	2.30
Aroclor-1260	ND		5.75	2.30
Aroclor-1262	ND		5.75	2.30
Aroclor-1268	ND		5.75	2.30
PCBs	132		5.75	2.30

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-002  
Client ID: GG-35\_(2.0)  
Date Received: 09/13/2012  
Date Extracted: 09/21/2012  
Date Analyzed: 09/24/2012  
Data file: R3975.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.15g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 10  
% Moisture: 31.6

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.568	0.227
Aroclor-1221	ND		0.568	0.227
Aroclor-1232	ND		0.568	0.227
Aroclor-1242	ND		0.568	0.227
Aroclor-1248	80.6		0.568	0.227
Aroclor-1254	ND		0.568	0.227
Aroclor-1260	ND		0.568	0.227
Aroclor-1262	ND		0.568	0.227
Aroclor-1268	ND		0.568	0.227
PCBs	80.6		0.568	0.227

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-003

Client ID: GG-35\_(4.0)

Date Received: 09/13/2012

Date Extracted: 09/21/2012

Date Analyzed: 09/21/2012

Data file: R3951.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.15g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 78.0

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.177	0.071
Aroclor-1221	ND		0.177	0.071
Aroclor-1232	ND		0.177	0.071
Aroclor-1242	ND		0.177	0.071
Aroclor-1248	ND		0.177	0.071
Aroclor-1254	ND		0.177	0.071
Aroclor-1260	ND		0.177	0.071
Aroclor-1262	ND		0.177	0.071
Aroclor-1268	ND		0.177	0.071
PCBs	ND		0.177	0.071

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-004  
Client ID: GG-35\_(5.0  
Date Received: 09/13/2012  
Date Extracted: 09/21/2012  
Date Analyzed: 09/21/2012  
Data file: R3952.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.73g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 23.2

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.045	0.018
Aroclor-1221	ND		0.045	0.018
Aroclor-1232	ND		0.045	0.018
Aroclor-1242	ND		0.045	0.018
Aroclor-1248	0.294		0.045	0.018
Aroclor-1254	ND		0.045	0.018
Aroclor-1260	ND		0.045	0.018
Aroclor-1262	ND		0.045	0.018
Aroclor-1268	ND		0.045	0.018
PCBs	0.294		0.045	0.018

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-005

Client ID: Y-32\_(0-2.

Date Received: 09/13/2012

Date Extracted: 09/21/2012

Date Analyzed: 09/21/2012

Data file: R3953.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.20g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 100

% Moisture: 10.7

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		4.31	1.72
Aroclor-1221	ND		4.31	1.72
Aroclor-1232	ND		4.31	1.72
Aroclor-1242	ND		4.31	1.72
Aroclor-1248	30.0		4.31	1.72
Aroclor-1254	ND		4.31	1.72
Aroclor-1260	29.5		4.31	1.72
Aroclor-1262	ND		4.31	1.72
Aroclor-1268	ND		4.31	1.72
PCBs	59.5		4.31	1.72

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-006  
Client ID: Y-32\_(2.0-  
Date Received: 09/13/2012  
Date Extracted: 09/21/2012  
Date Analyzed: 09/24/2012  
Data file: R3976.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.71g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 29.0

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.049	0.020
Aroclor-1221	ND		0.049	0.020
Aroclor-1232	ND		0.049	0.020
Aroclor-1242	ND		0.049	0.020
Aroclor-1248	ND		0.049	0.020
Aroclor-1254	ND		0.049	0.020
Aroclor-1260	ND		0.049	0.020
Aroclor-1262	ND		0.049	0.020
Aroclor-1268	ND		0.049	0.020
PCBs	ND		0.049	0.020

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-007  
Client ID: Y-32\_(4.0-  
Date Received: 09/13/2012  
Date Extracted: 09/21/2012  
Date Analyzed: 09/21/2012  
Data file: R3955.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.39g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 80.7

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.192	0.077
Aroclor-1221	ND		0.192	0.077
Aroclor-1232	ND		0.192	0.077
Aroclor-1242	ND		0.192	0.077
Aroclor-1248	ND		0.192	0.077
Aroclor-1254	ND		0.192	0.077
Aroclor-1260	ND		0.192	0.077
Aroclor-1262	ND		0.192	0.077
Aroclor-1268	ND		0.192	0.077
PCBs	ND		0.192	0.077

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-008

Client ID: Y-32\_(5.0-

Date Received: 09/13/2012

Date Extracted: 09/21/2012

Date Analyzed: 09/21/2012

Data file: R3956.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.59g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 22.1

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.046	0.018
Aroclor-1221	ND		0.046	0.018
Aroclor-1232	ND		0.046	0.018
Aroclor-1242	ND		0.046	0.018
Aroclor-1248	ND		0.046	0.018
Aroclor-1254	ND		0.046	0.018
Aroclor-1260	ND		0.046	0.018
Aroclor-1262	ND		0.046	0.018
Aroclor-1268	ND		0.046	0.018
PCBs	ND		0.046	0.018

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-009  
Client ID: Y-31\_(0-2.  
Date Received: 09/13/2012  
Date Extracted: 09/21/2012  
Date Analyzed: 09/21/2012  
Data file: R3957.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.07g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 100  
% Moisture: 24.9

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		5.25	2.10
Aroclor-1221	ND		5.25	2.10
Aroclor-1232	ND		5.25	2.10
Aroclor-1242	ND		5.25	2.10
Aroclor-1248	16.7		5.25	2.10
Aroclor-1254	ND		5.25	2.10
Aroclor-1260	35.8		5.25	2.10
Aroclor-1262	ND		5.25	2.10
Aroclor-1268	ND		5.25	2.10
PCBs	52.5		5.25	2.10

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-010  
Client ID: Y-31\_(2.0-  
Date Received: 09/13/2012  
Date Extracted: 09/21/2012  
Date Analyzed: 09/21/2012  
Data file: R3958.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.00g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 80.8

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.208	0.083
Aroclor-1221	ND		0.208	0.083
Aroclor-1232	ND		0.208	0.083
Aroclor-1242	ND		0.208	0.083
Aroclor-1248	ND		0.208	0.083
Aroclor-1254	ND		0.208	0.083
Aroclor-1260	ND		0.208	0.083
Aroclor-1262	ND		0.208	0.083
Aroclor-1268	ND		0.208	0.083
PCBs	ND		0.208	0.083

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-011  
Client ID: Y-31\_(4.0-  
Date Received: 09/13/2012  
Date Extracted: 09/21/2012  
Date Analyzed: 09/21/2012  
Data file: R3959.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.39g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 62.0

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.098	0.039
Aroclor-1221	ND		0.098	0.039
Aroclor-1232	ND		0.098	0.039
Aroclor-1242	ND		0.098	0.039
Aroclor-1248	ND		0.098	0.039
Aroclor-1254	ND		0.098	0.039
Aroclor-1260	ND		0.098	0.039
Aroclor-1262	ND		0.098	0.039
Aroclor-1268	ND		0.098	0.039
PCBs	ND		0.098	0.039

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-012

Client ID: Y-31\_(5.0-

Date Received: 09/13/2012

Date Extracted: 09/21/2012

Date Analyzed: 09/21/2012

Data file: R3960.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.03g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 22.7

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.051	0.021
Aroclor-1221	ND		0.051	0.021
Aroclor-1232	ND		0.051	0.021
Aroclor-1242	ND		0.051	0.021
Aroclor-1248	ND		0.051	0.021
Aroclor-1254	ND		0.051	0.021
Aroclor-1260	ND		0.051	0.021
Aroclor-1262	ND		0.051	0.021
Aroclor-1268	ND		0.051	0.021
PCBs	ND		0.051	0.021

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-013

Client ID: Y-30\_(0-1)

Date Received: 09/13/2012

Date Extracted: 09/21/2012

Date Analyzed: 09/21/2012

Data file: R3961.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.25g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 100

% Moisture: 25.8

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		5.13	2.05
Aroclor-1221	ND		5.13	2.05
Aroclor-1232	ND		5.13	2.05
Aroclor-1242	ND		5.13	2.05
Aroclor-1248	236		5.13	2.05
Aroclor-1254	ND		5.13	2.05
Aroclor-1260	ND		5.13	2.05
Aroclor-1262	ND		5.13	2.05
Aroclor-1268	ND		5.13	2.05
PCBs	236		5.13	2.05

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-014

Client ID: Y-30\_(1.0-

Date Received: 09/13/2012

Date Extracted: 09/21/2012

Date Analyzed: 09/24/2012

Data file: R3977.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.04g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 14.4

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.046	0.019
Aroclor-1221	ND		0.046	0.019
Aroclor-1232	ND		0.046	0.019
Aroclor-1242	ND		0.046	0.019
Aroclor-1248	ND		0.046	0.019
Aroclor-1254	ND		0.046	0.019
Aroclor-1260	ND		0.046	0.019
Aroclor-1262	ND		0.046	0.019
Aroclor-1268	ND		0.046	0.019
PCBs	ND		0.046	0.019

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-015  
Client ID: Y-30\_(2.0-  
Date Received: 09/13/2012  
Date Extracted: 09/21/2012  
Date Analyzed: 09/21/2012  
Data file: R3963.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.02g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 13.1

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.046	0.018
Aroclor-1221	ND		0.046	0.018
Aroclor-1232	ND		0.046	0.018
Aroclor-1242	ND		0.046	0.018
Aroclor-1248	ND		0.046	0.018
Aroclor-1254	ND		0.046	0.018
Aroclor-1260	ND		0.046	0.018
Aroclor-1262	ND		0.046	0.018
Aroclor-1268	ND		0.046	0.018
PCBs	ND		0.046	0.018

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-016  
Client ID: Y-30\_(4.0-  
Date Received: 09/13/2012  
Date Extracted: 09/21/2012  
Date Analyzed: 09/24/2012  
Data file: R3978.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.35g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 62.7

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.100	0.040
Aroclor-1221	ND		0.100	0.040
Aroclor-1232	ND		0.100	0.040
Aroclor-1242	ND		0.100	0.040
Aroclor-1248	ND		0.100	0.040
Aroclor-1254	ND		0.100	0.040
Aroclor-1260	ND		0.100	0.040
Aroclor-1262	ND		0.100	0.040
Aroclor-1268	ND		0.100	0.040
PCBs	ND		0.100	0.040

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-017  
Client ID: Y-30\_(5.0-  
Date Received: 09/13/2012  
Date Extracted: 09/21/2012  
Date Analyzed: 09/21/2012  
Data file: R3965.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.32g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 23.3

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.049	0.020
Aroclor-1221	ND		0.049	0.020
Aroclor-1232	ND		0.049	0.020
Aroclor-1242	ND		0.049	0.020
Aroclor-1248	ND		0.049	0.020
Aroclor-1254	ND		0.049	0.020
Aroclor-1260	ND		0.049	0.020
Aroclor-1262	ND		0.049	0.020
Aroclor-1268	ND		0.049	0.020
PCBs	ND		0.049	0.020

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-018

Client ID: Z-30\_(0-2.

Date Received: 09/13/2012

Date Extracted: 09/21/2012

Date Analyzed: 09/21/2012

Data file: R3966.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.51g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 13.2

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.042	0.017
Aroclor-1221	ND		0.042	0.017
Aroclor-1232	ND		0.042	0.017
Aroclor-1242	ND		0.042	0.017
Aroclor-1248	3.34		0.042	0.017
Aroclor-1254	ND		0.042	0.017
Aroclor-1260	0.719		0.042	0.017
Aroclor-1262	ND		0.042	0.017
Aroclor-1268	ND		0.042	0.017
PCBs	4.06		0.042	0.017

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-019  
Client ID: Z-30\_(2.0-  
Date Received: 09/13/2012  
Date Extracted: 09/21/2012  
Date Analyzed: 09/21/2012  
Data file: R3967.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.38g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 13.6

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.043	0.017
Aroclor-1221	ND		0.043	0.017
Aroclor-1232	ND		0.043	0.017
Aroclor-1242	ND		0.043	0.017
Aroclor-1248	0.106		0.043	0.017
Aroclor-1254	ND		0.043	0.017
Aroclor-1260	ND		0.043	0.017
Aroclor-1262	ND		0.043	0.017
Aroclor-1268	ND		0.043	0.017
PCBs	0.106		0.043	0.017

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-020

Client ID: Z-30\_(4.0-

Date Received: 09/13/2012

Date Extracted: 09/21/2012

Date Analyzed: 09/21/2012

Data file: R3968.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.38g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 13.3

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.043	0.017
Aroclor-1221	ND		0.043	0.017
Aroclor-1232	ND		0.043	0.017
Aroclor-1242	ND		0.043	0.017
Aroclor-1248	ND		0.043	0.017
Aroclor-1254	ND		0.043	0.017
Aroclor-1260	ND		0.043	0.017
Aroclor-1262	ND		0.043	0.017
Aroclor-1268	ND		0.043	0.017
PCBs	ND		0.043	0.017

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-021

Client ID: Z-30\_(5.0-

Date Received: 09/13/2012

Date Extracted: 09/24/2012

Date Analyzed: 09/25/2012

Data file: Y1957.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.17g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 100

% Moisture: 41.3

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		6.59	2.64
Aroclor-1221	ND		6.59	2.64
Aroclor-1232	ND		6.59	2.64
Aroclor-1242	ND		6.59	2.64
Aroclor-1248	ND		6.59	2.64
Aroclor-1254	ND		6.59	2.64
Aroclor-1260	ND		6.59	2.64
Aroclor-1262	ND		6.59	2.64
Aroclor-1268	ND		6.59	2.64
PCBs	ND		6.59	2.64

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-022

Client ID: Z-30\_(6.0-

Date Received: 09/13/2012

Date Extracted: 09/24/2012

Date Analyzed: 09/25/2012

Data file: Y1958.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.19g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 17.5

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.047	0.019
Aroclor-1221	ND		0.047	0.019
Aroclor-1232	ND		0.047	0.019
Aroclor-1242	ND		0.047	0.019
Aroclor-1248	ND		0.047	0.019
Aroclor-1254	ND		0.047	0.019
Aroclor-1260	ND		0.047	0.019
Aroclor-1262	ND		0.047	0.019
Aroclor-1268	ND		0.047	0.019
PCBs	ND		0.047	0.019

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-023

Client ID: Z-31\_(0-2.

Date Received: 09/13/2012

Date Extracted: 09/24/2012

Date Analyzed: 09/25/2012

Data file: Y1959.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.30g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 12.0

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.043	0.017
Aroclor-1221	ND		0.043	0.017
Aroclor-1232	ND		0.043	0.017
Aroclor-1242	ND		0.043	0.017
Aroclor-1248	2.11		0.043	0.017
Aroclor-1254	ND		0.043	0.017
Aroclor-1260	2.07		0.043	0.017
Aroclor-1262	ND		0.043	0.017
Aroclor-1268	ND		0.043	0.017
PCBs	4.18		0.043	0.017

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-024  
Client ID: Z-31\_(2.0-  
Date Received: 09/13/2012  
Date Extracted: 09/24/2012  
Date Analyzed: 09/25/2012  
Data file: Y1960.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.81g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 11.5

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.039	0.016
Aroclor-1221	ND		0.039	0.016
Aroclor-1232	ND		0.039	0.016
Aroclor-1242	ND		0.039	0.016
Aroclor-1248	0.579		0.039	0.016
Aroclor-1254	ND		0.039	0.016
Aroclor-1260	ND		0.039	0.016
Aroclor-1262	ND		0.039	0.016
Aroclor-1268	ND		0.039	0.016
PCBs	0.579		0.039	0.016

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-025  
Client ID: Z-31\_(4.0-  
Date Received: 09/13/2012  
Date Extracted: 09/24/2012  
Date Analyzed: 09/25/2012  
Data file: Y1961.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.22g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 11.7

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.043	0.017
Aroclor-1221	ND		0.043	0.017
Aroclor-1232	ND		0.043	0.017
Aroclor-1242	ND		0.043	0.017
Aroclor-1248	ND		0.043	0.017
Aroclor-1254	ND		0.043	0.017
Aroclor-1260	ND		0.043	0.017
Aroclor-1262	ND		0.043	0.017
Aroclor-1268	ND		0.043	0.017
PCBs	ND		0.043	0.017

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-026

Client ID: Z-31\_(5-5.

Date Received: 09/13/2012

Date Extracted: 09/24/2012

Date Analyzed: 09/25/2012

Data file: Y1962.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.34g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 28.0

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.052	0.021
Aroclor-1221	ND		0.052	0.021
Aroclor-1232	ND		0.052	0.021
Aroclor-1242	ND		0.052	0.021
Aroclor-1248	ND		0.052	0.021
Aroclor-1254	ND		0.052	0.021
Aroclor-1260	ND		0.052	0.021
Aroclor-1262	ND		0.052	0.021
Aroclor-1268	ND		0.052	0.021
PCBs	ND		0.052	0.021

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-027  
Client ID: Z-31\_(5.25)  
Date Received: 09/13/2012  
Date Extracted: 09/24/2012  
Date Analyzed: 09/25/2012  
Data file: Y1963.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.57g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 19.5

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.045	0.018
Aroclor-1221	ND		0.045	0.018
Aroclor-1232	ND		0.045	0.018
Aroclor-1242	ND		0.045	0.018
Aroclor-1248	ND		0.045	0.018
Aroclor-1254	ND		0.045	0.018
Aroclor-1260	ND		0.045	0.018
Aroclor-1262	ND		0.045	0.018
Aroclor-1268	ND		0.045	0.018
PCBs	ND		0.045	0.018

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-028  
Client ID: W-40\_(6.5-  
Date Received: 09/13/2012  
Date Extracted: 09/24/2012  
Date Analyzed: 09/25/2012  
Data file: Y1964.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.02g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 19.4

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.049	0.020
Aroclor-1221	ND		0.049	0.020
Aroclor-1232	ND		0.049	0.020
Aroclor-1242	ND		0.049	0.020
Aroclor-1248	ND		0.049	0.020
Aroclor-1254	ND		0.049	0.020
Aroclor-1260	ND		0.049	0.020
Aroclor-1262	ND		0.049	0.020
Aroclor-1268	ND		0.049	0.020
PCBs	ND		0.049	0.020

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-029

Client ID: W-40\_(7.0-

Date Received: 09/13/2012

Date Extracted: 09/24/2012

Date Analyzed: 09/25/2012

Data file: Y1965.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.27g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 18.5

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.047	0.019
Aroclor-1221	ND		0.047	0.019
Aroclor-1232	ND		0.047	0.019
Aroclor-1242	ND		0.047	0.019
Aroclor-1248	ND		0.047	0.019
Aroclor-1254	ND		0.047	0.019
Aroclor-1260	ND		0.047	0.019
Aroclor-1262	ND		0.047	0.019
Aroclor-1268	ND		0.047	0.019
PCBs	ND		0.047	0.019

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-030  
Client ID: W-40\_(8.0-  
Date Received: 09/13/2012  
Date Extracted: 09/24/2012  
Date Analyzed: 09/25/2012  
Data file: Y1966.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.01g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 12.4

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.046	0.018
Aroclor-1221	ND		0.046	0.018
Aroclor-1232	ND		0.046	0.018
Aroclor-1242	ND		0.046	0.018
Aroclor-1248	ND		0.046	0.018
Aroclor-1254	ND		0.046	0.018
Aroclor-1260	0.055		0.046	0.018
Aroclor-1262	ND		0.046	0.018
Aroclor-1268	ND		0.046	0.018
PCBs	0.055		0.046	0.018

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-033  
Client ID: U-38\_(6.0-  
Date Received: 09/13/2012  
Date Extracted: 09/24/2012  
Date Analyzed: 09/25/2012  
Data file: Y1969.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.01g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 21.5

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.051	0.020
Aroclor-1221	ND		0.051	0.020
Aroclor-1232	ND		0.051	0.020
Aroclor-1242	ND		0.051	0.020
Aroclor-1248	ND		0.051	0.020
Aroclor-1254	ND		0.051	0.020
Aroclor-1260	0.902		0.051	0.020
Aroclor-1262	ND		0.051	0.020
Aroclor-1268	ND		0.051	0.020
PCBs	0.902		0.051	0.020

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-034  
Client ID: U-38\_(7.0-  
Date Received: 09/13/2012  
Date Extracted: 09/24/2012  
Date Analyzed: 09/25/2012  
Data file: Y1970.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.12g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 19.2

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.048	0.019
Aroclor-1221	ND		0.048	0.019
Aroclor-1232	ND		0.048	0.019
Aroclor-1242	ND		0.048	0.019
Aroclor-1248	ND		0.048	0.019
Aroclor-1254	ND		0.048	0.019
Aroclor-1260	0.324		0.048	0.019
Aroclor-1262	ND		0.048	0.019
Aroclor-1268	ND		0.048	0.019
PCBs	0.324		0.048	0.019

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-035

Client ID: T-35\_(0-1)

Date Received: 09/13/2012

Date Extracted: 09/24/2012

Date Analyzed: 09/26/2012

Data file: Y1990.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.00g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1000

% Moisture: 29.3

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		56.6	22.6
Aroclor-1221	ND		56.6	22.6
Aroclor-1232	ND		56.6	22.6
Aroclor-1242	ND		56.6	22.6
Aroclor-1248	ND		56.6	22.6
Aroclor-1254	9560		56.6	22.6
Aroclor-1260	ND		56.6	22.6
Aroclor-1262	ND		56.6	22.6
Aroclor-1268	ND		56.6	22.6
PCBs	9560		56.6	22.6

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-036  
Client ID: T-35\_(1.0-  
Date Received: 09/13/2012  
Date Extracted: 09/24/2012  
Date Analyzed: 09/26/2012  
Data file: Y1991.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.27g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 10  
% Moisture: 16.7

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.456	0.182
Aroclor-1221	ND		0.456	0.182
Aroclor-1232	ND		0.456	0.182
Aroclor-1242	ND		0.456	0.182
Aroclor-1248	ND		0.456	0.182
Aroclor-1254	29.3		0.456	0.182
Aroclor-1260	20.0		0.456	0.182
Aroclor-1262	ND		0.456	0.182
Aroclor-1268	ND		0.456	0.182
PCBs	49.3		0.456	0.182

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-037  
Client ID: T-35\_(2.0-  
Date Received: 09/13/2012  
Date Extracted: 09/24/2012  
Date Analyzed: 09/26/2012  
Data file: Y1992.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.07g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 10.5

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.044	0.018
Aroclor-1221	ND		0.044	0.018
Aroclor-1232	ND		0.044	0.018
Aroclor-1242	ND		0.044	0.018
Aroclor-1248	ND		0.044	0.018
Aroclor-1254	ND		0.044	0.018
Aroclor-1260	ND		0.044	0.018
Aroclor-1262	0.267		0.044	0.018
Aroclor-1268	ND		0.044	0.018
PCBs	0.267		0.044	0.018

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-038

Client ID: T-35\_(4.0-

Date Received: 09/13/2012

Date Extracted: 09/24/2012

Date Analyzed: 09/26/2012

Data file: Y1974.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.04g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 77.2

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.174	0.070
Aroclor-1221	ND		0.174	0.070
Aroclor-1232	ND		0.174	0.070
Aroclor-1242	ND		0.174	0.070
Aroclor-1248	ND		0.174	0.070
Aroclor-1254	ND		0.174	0.070
Aroclor-1260	ND		0.174	0.070
Aroclor-1262	ND		0.174	0.070
Aroclor-1268	ND		0.174	0.070
PCBs	ND		0.174	0.070

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-039

Client ID: T-35\_(5.0-

Date Received: 09/13/2012

Date Extracted: 09/24/2012

Date Analyzed: 09/26/2012

Data file: Y1975.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.31g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 22.8

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.049	0.020
Aroclor-1221	ND		0.049	0.020
Aroclor-1232	ND		0.049	0.020
Aroclor-1242	ND		0.049	0.020
Aroclor-1248	ND		0.049	0.020
Aroclor-1254	0.474		0.049	0.020
Aroclor-1260	ND		0.049	0.020
Aroclor-1262	ND		0.049	0.020
Aroclor-1268	ND		0.049	0.020
PCBs	0.474		0.049	0.020

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-040

Client ID: U-35\_(0-2)

Date Received: 09/13/2012

Date Extracted: 09/24/2012

Date Analyzed: 09/26/2012

Data file: Y1976.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.00g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 100

% Moisture: 25.2

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		5.35	2.14
Aroclor-1221	ND		5.35	2.14
Aroclor-1232	ND		5.35	2.14
Aroclor-1242	ND		5.35	2.14
Aroclor-1248	ND		5.35	2.14
Aroclor-1254	31.5		5.35	2.14
Aroclor-1260	ND		5.35	2.14
Aroclor-1262	ND		5.35	2.14
Aroclor-1268	ND		5.35	2.14
PCBs	31.5		5.35	2.14

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-041  
Client ID: U-35\_(2.0-  
Date Received: 09/13/2012  
Date Extracted: 09/24/2012  
Date Analyzed: 09/27/2012  
Data file: Y2044.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.25g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 25.2

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.051	0.020
Aroclor-1221	ND		0.051	0.020
Aroclor-1232	ND		0.051	0.020
Aroclor-1242	ND		0.051	0.020
Aroclor-1248	2.85		0.051	0.020
Aroclor-1254	ND		0.051	0.020
Aroclor-1260	1.54		0.051	0.020
Aroclor-1262	ND		0.051	0.020
Aroclor-1268	ND		0.051	0.020
PCBs	4.39		0.051	0.020

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-042  
Client ID: U-35\_(4.0-  
Date Received: 09/13/2012  
Date Extracted: 09/24/2012  
Date Analyzed: 09/27/2012  
Data file: Y2045.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.12g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 66.1

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.115	0.046
Aroclor-1221	ND		0.115	0.046
Aroclor-1232	ND		0.115	0.046
Aroclor-1242	ND		0.115	0.046
Aroclor-1248	2.55		0.115	0.046
Aroclor-1254	ND		0.115	0.046
Aroclor-1260	2.85		0.115	0.046
Aroclor-1262	ND		0.115	0.046
Aroclor-1268	ND		0.115	0.046
PCBs	5.40		0.115	0.046

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-043  
Client ID: U-35\_5.25  
Date Received: 09/13/2012  
Date Extracted: 09/24/2012  
Date Analyzed: 09/27/2012  
Data file: Y2046.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.36g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: 25.1

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	ND		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	ND		0.050	0.020

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-044

Client ID: Z-32\_(0-2.

Date Received: 09/13/2012

Date Extracted: 09/24/2012

Date Analyzed: 09/27/2012

Data file: Y2047.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.14g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 100

% Moisture: 12.1

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		4.43	1.77
Aroclor-1221	ND		4.43	1.77
Aroclor-1232	ND		4.43	1.77
Aroclor-1242	ND		4.43	1.77
Aroclor-1248	61.9		4.43	1.77
Aroclor-1254	ND		4.43	1.77
Aroclor-1260	ND		4.43	1.77
Aroclor-1262	ND		4.43	1.77
Aroclor-1268	ND		4.43	1.77
PCBs	61.9		4.43	1.77

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-045  
Client ID: Z-32\_(2.0-  
Date Received: 09/13/2012  
Date Extracted: 09/24/2012  
Date Analyzed: 09/27/2012  
Data file: Y2048.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.01g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 10  
% Moisture: 20.5

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.502	0.201
Aroclor-1221	ND		0.502	0.201
Aroclor-1232	ND		0.502	0.201
Aroclor-1242	ND		0.502	0.201
Aroclor-1248	13.5		0.502	0.201
Aroclor-1254	ND		0.502	0.201
Aroclor-1260	5.03		0.502	0.201
Aroclor-1262	ND		0.502	0.201
Aroclor-1268	ND		0.502	0.201
PCBs	18.5		0.502	0.201

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-046

Client ID: Z-32\_(4.0-

Date Received: 09/13/2012

Date Extracted: 09/24/2012

Date Analyzed: 09/27/2012

Data file: Y2049.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.11g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 11.8

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.044	0.018
Aroclor-1221	ND		0.044	0.018
Aroclor-1232	ND		0.044	0.018
Aroclor-1242	ND		0.044	0.018
Aroclor-1248	ND		0.044	0.018
Aroclor-1254	ND		0.044	0.018
Aroclor-1260	ND		0.044	0.018
Aroclor-1262	0.242		0.044	0.018
Aroclor-1268	ND		0.044	0.018
PCBs	0.242		0.044	0.018

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-047

Client ID: Z-32\_(5.0-

Date Received: 09/13/2012

Date Extracted: 09/24/2012

Date Analyzed: 09/27/2012

Data file: Y2050.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.03g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 24.8

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.053	0.021
Aroclor-1221	ND		0.053	0.021
Aroclor-1232	ND		0.053	0.021
Aroclor-1242	ND		0.053	0.021
Aroclor-1248	3.76		0.053	0.021
Aroclor-1254	ND		0.053	0.021
Aroclor-1260	1.52		0.053	0.021
Aroclor-1262	ND		0.053	0.021
Aroclor-1268	ND		0.053	0.021
PCBs	5.28		0.053	0.021

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-048

Client ID: Z-32\_(5.5-

Date Received: 09/13/2012

Date Extracted: 09/24/2012

Date Analyzed: 09/27/2012

Data file: Y2051.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.21g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 20.9

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.049	0.019
Aroclor-1221	ND		0.049	0.019
Aroclor-1232	ND		0.049	0.019
Aroclor-1242	ND		0.049	0.019
Aroclor-1248	ND		0.049	0.019
Aroclor-1254	ND		0.049	0.019
Aroclor-1260	ND		0.049	0.019
Aroclor-1262	ND		0.049	0.019
Aroclor-1268	ND		0.049	0.019
PCBs	ND		0.049	0.019

**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: 09301-049

Client ID: FB-42

Date Received: 09/13/2012

Date Extracted: 09/20/2012

Date Analyzed: 09/25/2012

Data file: R4009.D

GC Column: DB-5/DB1701P

Sample wt/vol: 1000ml

Matrix-Units: Aqueous-mg/L (ppm)

Dilution Factor: 1

% Moisture: 100

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.00005	0.00002
Aroclor-1221	ND		0.00005	0.00002
Aroclor-1232	ND		0.00005	0.00002
Aroclor-1242	ND		0.00005	0.00002
Aroclor-1248	ND		0.00005	0.00002
Aroclor-1254	ND		0.00005	0.00002
Aroclor-1260	ND		0.00005	0.00002
Aroclor-1262	ND		0.00005	0.00002
Aroclor-1268	ND		0.00005	0.00002
PCBs	ND		0.00005	0.00002

**PCB DATA**

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## **PCB QC SUMMARY**

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## PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 09/21/2012

Client ID	Sample ID	Matrix	TCMX 1		DCB 1		TCMX 2		DCB 2	
			% rec	#	% rec	#	% rec	#	% rec	#
PCB	BLKS120921-02	SOIL	126		76		108		87	
GG-35_(4.0	09301-003	SOIL	105		80		126		96	
GG-35_(5.0	09301-004	SOIL	130		72		115		106	
Y-32_(0-2.	09301-005	SOIL	0	D	0	D	0	D	0	D
Y-32_(4.0-	09301-007	SOIL	104		98		114		100	
Y-32_(5.0-	09301-008	SOIL	124		72		114		88	
Y-31_(0-2.	09301-009	SOIL	0	D	0	D	0	D	0	D
Y-31_(2.0-	09301-010	SOIL	100		103		109		110	
Y-31_(4.0-	09301-011	SOIL	112		95		114		108	
Y-31_(5.0-	09301-012	SOIL	121		84		113		96	
Y-30_(0-1.	09301-013	SOIL	0	D	0	D	0	D	0	D
Y-30_(2.0-	09301-015	SOIL	117		81		108		87	
Y-30_(5.0-	09301-017	SOIL	133		88		120		95	
Z-30_(0-2.	09301-018	SOIL	116		74		105		87	
Z-30_(2.0-	09301-019	SOIL	131		72		116		86	
Z-30_(4.0-	09301-020	SOIL	126		71		115		89	
PCB	09301-020MS	SOIL	124		84		112		88	
PCB	09301-020MSD	SOIL	124		82		110		88	
PCB	LCSS120921-02	SOIL	131		86		114		92	
GG-35_(0-2	09301-001	SOIL	0	D	0	D	0	D	0	D
GG-35_(2.0	09301-002	SOIL	152		118		157		138	
Y-32_(2.0-	09301-006	SOIL	158		118		61		68	
Y-30_(1.0-	09301-014	SOIL	128		82		36		113	
Y-30_(4.0-	09301-016	SOIL	77		48		89		53	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

Soil

21-163

Aqueous

11-163

30-172

13-170

# Column to be used to flag recovery values

\* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

**PCB SURROGATE PERCENT RECOVERY SUMMARY**

Date Analyzed: 09/25/2012

Client ID	Sample ID	Matrix	Lab		TCMX 1		DCB 1		TCMX 2		DCB 2	
			% rec	#	% rec	#	% rec	#	% rec	#	% rec	#
PCB	BLKS120924-11	SOIL	117		83		126		93			
Z-30_(5.0-	09301-021	SOIL	0	D	0	D	0	D	0	D	0	D
Z-30_(6.0-	09301-022	SOIL	120		94		132		92			
Z-31_(0.2-	09301-023	SOIL	101		77		118		79			
Z-31_(2.0-	09301-024	SOIL	112		89		126		86			
Z-31_(4.0-	09301-025	SOIL	112		89		126		85			
Z-31_(5.5-	09301-026	SOIL	112		102		136		92			
Z-31_(5.25	09301-027	SOIL	122		100		135		90			
W-40_(6.5-	09301-028	SOIL	118		103		135		92			
W-40_(7.0-	09301-029	SOIL	117		101		132		88			
W-40_(8.0-	09301-030	SOIL	115		100		129		86			
W-40_(9.0-	09301-031	SOIL	120		108		138		90			
U-38_(8.0-	09301-032	SOIL	124		106		134		91			
U-38_(6.0-	09301-033	SOIL	120		110		137		89			
U-38_(7.0-	09301-034	SOIL	123		109		135		89			
T-35_(4.0-	09301-038	SOIL	148		140		154		122			
T-35_(5.0-	09301-039	SOIL	131		106		143		93			
U-35_(0.2-	09301-040	SOIL	0	D	0	D	0	D	0	D	0	D
PCB	09301-040MS	SOIL	0	D	0	D	0	D	0	D	0	D
PCB	09301-040MSD	SOIL	0	D	0	D	0	D	0	D	0	D
PCB	LCSS120924-11	SOIL	115		95		122		78			
T-35_(0.1-	09301-035	SOIL	0	D	0	D	0	D	0	D	0	D
T-35_(1.0-	09301-036	SOIL	96		119		104		86			
T-35_(2.0-	09301-037	SOIL	122		103		131		84			

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

Soil

21-163

11-163

30-172

13-170

# Column to be used to flag recovery values

\* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

## PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 09/27/2012

Client ID	Sample ID	Matrix	TCMX 1		DCB 1		TCMX 2		DCB 2	
			% rec	#	% rec	#	% rec	#	% rec	#
PCB	BLKS120924-12	SOIL	122		111		136		91	
U-35_(2.0-	09301-041	SOIL	114		104		133		90	
U-35_(4.0-	09301-042	SOIL	137		118		152		106	
U-35_(5.25	09301-043	SOIL	129		105		145		97	
Z-32_(0-2.	09301-044	SOIL	0	D	0	D	0	D	0	D
Z-32_(2.0-	09301-045	SOIL	95		110		115		83	
Z-32_(4.0-	09301-046	SOIL	114		114		133		95	
Z-32_(5.0-	09301-047	SOIL	120		129		141		111	
Z-32_(5.5-	09301-048	SOIL	120		104		134		93	
WCB-17	09360-001	SOIL	57		100		96		113	
PCB	09360-001MS	SOIL	57		105		96		120	
PCB	09360-001MSD	SOIL	58		107		97		123	
PCB	LCSS120924-12	SOIL	114		91		131		123	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

Soil

Aqueous

21-163      11-163

30-172      13-170

# Column to be used to flag recovery values

\* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

## PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 09/25/2012

Client ID	Sample ID	Matrix	TCMX 1		DCB 1		TCMX 2		DCB 2	
			% rec	#	% rec	#	% rec	#	% rec	#
PCB	BLKA120920-06	AQUEOUS	153		65		154		90	
MW-20	09292-001	AQUEOUS	102		74		109		89	
MW-20D	09292-002	AQUEOUS	117		59		120		76	
MW-21	09292-003	AQUEOUS	132		73		124		86	
MW-21D	09292-004	AQUEOUS	132		68		137		85	
MW-22	09292-005	AQUEOUS	128		70		126		75	
MW-22D	09292-006	AQUEOUS	134		76		131		82	
MW-23	09292-007	AQUEOUS	112		70		128		80	
MW-23D	09292-008	AQUEOUS	82		71		101		76	
FB	09292-009	AQUEOUS	153		68		145		72	
FB-42	09301-049	AQUEOUS	149		69		152		80	
PCB	09292-001MS	AQUEOUS	121		62		122		71	
PCB	09292-001MSD	AQUEOUS	111		63		114		77	
PCB	LCSA120920-06	AQUEOUS	135		60		128		80	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

Soil      Aqueous

21-163      11-163

30-172      13-170

# Column to be used to flag recovery values

\* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

# **SOIL PCB BLANK SPIKE RECOVERY**

Matrix spike Lab sample ID:

LCSS120921-02

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	670.0	134	40 - 140
Aroclor-1260	500.0	0.0	686.8	137	40 - 140

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

NC Non calculable

Spike Recovery: 0 out of 2 outside limits

# **SOIL PCB BLANK SPIKE RECOVERY**

Matrix spike Lab sample ID:

LCSS120924-11

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	646.9	129	40 - 140
Aroclor-1260	500.0	0.0	684.3	137	40 - 140

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

NC Non calculable

Spike Recovery: 0 out of 2 outside limits

# **SOIL PCB BLANK SPIKE RECOVERY**

Matrix spike Lab sample ID:

LCSS120924-12

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	593.1	119	40 - 140
Aroclor-1260	500.0	0.0	618.3	124	40 - 140

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

NC Non calculable

Spike Recovery: 0 out of 2 outside limits

# AQUEOUS PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID:

LCSA120920-06

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	650.4	130	40 - 140
Aroclor-1260	500.0	0.0	430.7	86	40 - 140

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

NC Non calculable

Spike Recovery: 0 out of 2 outside limits

**SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY**

Matrix spike Lab sample ID: 09301-020

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	662.6	133	40 - 140
Aroclor-1260	500.0	0.0	575.2	115	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD #	% REC	% RPD	QC LIMITS RPD	REC.
Aroclor-1016	0.0	657.9	132	1	50	40 - 140	
Aroclor-1260	0.0	583.2	117	2	50	40 - 140	

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

NC Non calculable

RPD: 0 out of 2 outside limits

Spike Recovery: 0 out of 4 outside limits

# SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 09301-040

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	NC	NC	40 - 140
Aroclor-1260	500.0	0.0	NC	NC	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD % # REC	% RPD #	QC LIMITS RPD	REC.
Aroclor-1016	0.0	NC	NC	NC	50	40 - 140
Aroclor-1260	0.0	NC	NC	NC	50	40 - 140

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

NC Non calculable

RPD: 2 out of 2 outside limits

Spike Recovery: 4 out of 4 outside limits

**SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY**

Matrix spike Lab sample ID:

09360-001

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	366.8	73	40 - 140
Aroclor-1260	500.0	0.0	549.1	110	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD % # REC	% RPD #	QC LIMITS RPD	REC.
Aroclor-1016	0.0	377.8	76	4	50	40 - 140
Aroclor-1260	0.0	528.2	106	4	50	40 - 140

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

NC Non calculable

RPD: 0 out of 2 outside limits

Spike Recovery: 0 out of 4 outside limits

**AQUEOUS PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY**

Matrix spike Lab sample ID: 09292-001

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	656.9	131	40 - 140
Aroclor-1260	500.0	0.0	468.4	94	40 - 140

Compound	SAMPLE CONC. (ug/L)	MSD CONC. (ug/L)	MSD % # REC	% RPD #	QC LIMITS RPD	REC.
Aroclor-1016	0.0	693.2	139	6	50	40 - 140
Aroclor-1260	0.0	400.4	80	16	50	40 - 140

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

NC Non calculable

RPD: 0 out of 2 outside limits

Spike Recovery: 0 out of 4 outside limits

**PCB METHOD BLANK SUMMARY**

Lab File ID: R3948.D

Instrument ID: GC-R

Date Extracted: 09/21/2012

Matrix: SOIL

Date Analyzed: 09/21/2012

Time Analyzed: 17:41

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

<b>Client ID</b>	<b>Lab Sample ID</b>	<b>Date Analyzed</b>	<b>Time Analyzed</b>
GG-35_(4.0	09301-003	09/21/2012	18:33
GG-35_(5.0	09301-004	09/21/2012	18:50
Y-32_(0-2.	09301-005	09/21/2012	19:08
Y-32_(4.0-	09301-007	09/21/2012	19:42
Y-32_(5.0-	09301-008	09/21/2012	20:00
Y-31_(0-2.	09301-009	09/21/2012	20:17
Y-31_(2.0-	09301-010	09/21/2012	20:34
Y-31_(4.0-	09301-011	09/21/2012	20:52
Y-31_(5.0-	09301-012	09/21/2012	21:09
Y-30_(0-1.	09301-013	09/21/2012	21:27
Y-30_(2.0-	09301-015	09/21/2012	22:01
Y-30_(5.0-	09301-017	09/21/2012	22:36
Z-30_(0-2.	09301-018	09/21/2012	22:53
Z-30_(2.0-	09301-019	09/21/2012	23:11
Z-30_(4.0-	09301-020	09/21/2012	23:28
PCB	09301-020MS	09/21/2012	23:46
PCB	09301-020MSD	09/22/2012	00:03
PCB	LCSS120921-02	09/22/2012	00:20
GG-35_(0-2	09301-001	09/24/2012	15:54
GG-35_(2.0	09301-002	09/24/2012	16:12
Y-32_(2.0-	09301-006	09/24/2012	16:29
Y-30_(1.0-	09301-014	09/24/2012	16:47
Y-30_(4.0-	09301-016	09/24/2012	17:04

**PCB METHOD BLANK SUMMARY**

Lab File ID: Y1956.D

Instrument ID: GC-Y

Date Extracted: 09/24/2001

Matrix: SOIL

Date Analyzed: 09/25/2012

Time Analyzed: 19:16

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

<b>Client ID</b>	<b>Lab Sample ID</b>	<b>Date Analyzed</b>	<b>Time Analyzed</b>
Z-30_(5.0-	09301-021	09/25/2012	19:33
Z-30_(6.0-	09301-022	09/25/2012	19:51
Z-31_(0.2-	09301-023	09/25/2012	20:08
Z-31_(2.0-	09301-024	09/25/2012	20:25
Z-31_(4.0-	09301-025	09/25/2012	20:42
Z-31_(5.5-	09301-026	09/25/2012	20:59
Z-31_(5.25	09301-027	09/25/2012	21:17
W-40_(6.5-	09301-028	09/25/2012	21:34
W-40_(7.0-	09301-029	09/25/2012	21:51
W-40_(8.0-	09301-030	09/25/2012	22:08
W-40_(9.0-	09301-031	09/25/2012	22:25
U-38_(8.0-	09301-032	09/25/2012	22:42
U-38_(6.0-	09301-033	09/25/2012	23:00
U-38_(7.0-	09301-034	09/25/2012	23:17
T-35_(4.0-	09301-038	09/26/2012	00:26
T-35_(5.0-	09301-039	09/26/2012	00:43
U-35_(0.2-	09301-040	09/26/2012	01:00
PCB	09301-040MS	09/26/2012	01:17
PCB	09301-040MSD	09/26/2012	01:34
PCB	LCSS120924-11	09/26/2012	01:52
T-35_(0.1-	09301-035	09/26/2012	17:48
T-35_(1.0-	09301-036	09/26/2012	18:06
T-35_(2.0-	09301-037	09/26/2012	18:23

**PCB METHOD BLANK SUMMARY**

Lab File ID: R3999.D

Instrument ID: GC-R

Date Extracted: 09/20/2012

Matrix: AQUEOUS

Date Analyzed: 09/25/2012

Time Analyzed: 17:41

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

<b>Client ID</b>	<b>Lab Sample ID</b>	<b>Date Analyzed</b>	<b>Time Analyzed</b>
MW-20	09292-001	09/25/2012	17:58
MW-20D	09292-002	09/25/2012	18:16
MW-21	09292-003	09/25/2012	18:33
MW-21D	09292-004	09/25/2012	18:51
MW-22	09292-005	09/25/2012	19:08
MW-22D	09292-006	09/25/2012	19:25
MW-23	09292-007	09/25/2012	19:43
MW-23D	09292-008	09/25/2012	20:00
FB	09292-009	09/25/2012	20:18
FB-42	09301-049	09/25/2012	20:35
PCB	09292-001MS	09/25/2012	20:52
PCB	09292-001MSD	09/25/2012	21:10
PCB	LCSA120920-06	09/25/2012	21:27

**PCB METHOD BLANK SUMMARY**

Lab File ID: Y2043.D      Instrument ID: GC-Y

Date Extracted: 09/24/2012      Matrix: SOIL

Date Analyzed: 09/27/2012      Time Analyzed: 13:46

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

<b>Client ID</b>	<b>Lab Sample ID</b>	<b>Date Analyzed</b>	<b>Time Analyzed</b>
U-35_(2.0-	09301-041	09/27/2012	14:03
U-35_(4.0-	09301-042	09/27/2012	14:20
U-35_(5.25	09301-043	09/27/2012	14:38
Z-32_(0-2.	09301-044	09/27/2012	15:19
Z-32_(2.0-	09301-045	09/27/2012	15:36
Z-32_(4.0-	09301-046	09/27/2012	15:53
Z-32_(5.0-	09301-047	09/27/2012	16:10
Z-32_(5.5-	09301-048	09/27/2012	16:28
WCB-17	09360-001	09/27/2012	16:45
PCB	09360-001MS	09/27/2012	17:02
PCB	09360-001MSD	09/27/2012	17:19
PCB	LCSS120924-12	09/27/2012	17:37

# AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/27/2012

Instrument ID: GC-Y  
GC Column (1st): DB-5

Data File: Y1144.D Y1143.D Y1142.D Y1141.D Y1140.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.28	3.28	3.28	3.28	3.28	3.28	3.21	3.35
Aroclor-1016 {2}	4.11	4.11	4.11	4.11	4.11	4.11	4.04	4.18
Aroclor-1016 {3}	4.66	4.66	4.66	4.66	4.66	4.66	4.59	4.73
Aroclor-1016 {4}	5.16	5.17	5.16	5.16	5.16	5.16	5.09	5.23
Aroclor-1016 {5}	5.56	5.56	5.56	5.56	5.56	5.56	5.49	5.63
Aroclor-1221			2.17				2.10	2.24
Aroclor-1221 {2}			3.07				3.00	3.14
Aroclor-1221 {3}			3.20				3.13	3.27
Aroclor-1221 {4}			3.27				3.20	3.34
Aroclor-1221 {5}			3.87				3.80	3.94
Aroclor-1232			3.28				3.21	3.35
Aroclor-1232 {2}			4.11				4.04	4.18
Aroclor-1232 {3}			4.77				4.70	4.84
Aroclor-1232 {4}			5.36				5.29	5.43
Aroclor-1232 {5}			5.56				5.49	5.63
Aroclor-1242			4.11				4.04	4.18
Aroclor-1242 {2}			5.04				4.97	5.11
Aroclor-1242 {3}			5.36				5.29	5.43
Aroclor-1242 {4}			6.06				5.99	6.13
Aroclor-1242 {5}			6.33				6.26	6.40
Aroclor-1248			4.51				4.43	4.59
Aroclor-1248 {2}			5.04				4.96	5.12
Aroclor-1248 {3}			5.36				5.28	5.44
Aroclor-1248 {4}			6.06				5.98	6.14
Aroclor-1248 {5}			6.33				6.25	6.41
Aroclor-1254			6.45				6.37	6.53
Aroclor-1254 {2}			6.89				6.81	6.97
Aroclor-1254 {3}			7.05				6.96	7.14
Aroclor-1254 {4}			7.50				7.41	7.59
Aroclor-1254 {5}			8.33				8.24	8.42
Aroclor-1260	8.33	8.33	8.33	8.33	8.33	8.33	7.43	9.23
Aroclor-1260 {2}	9.00	9.00	9.00	9.00	9.00	9.00	8.10	9.90
Aroclor-1260 {3}	9.48	9.48	9.48	9.48	9.48	9.48	8.58	10.38
Aroclor-1260 {4}	9.96	9.96	9.96	9.96	9.96	9.96	9.06	10.86
Aroclor-1260 {5}	11.02	11.02	11.02	11.02	11.02	11.02	10.12	11.92

# AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/27/2012      Instrument ID: GC-Y  
 GC Column (1st): DB-5

Data File: Y1144.D Y1143.D Y1142.D Y1141.D Y1140.D

Compound	CALIBRATION FACTORS						MEAN	%RSD
	10	50	500	1000	2000			
Aroclor-1016	1598460	1636594	1724245	1671316	1663544	1658832	2.79	
Aroclor-1016 {2}	2781625	2134550	2314976	2252118	2262395	2349133	10.67	
Aroclor-1016 {3}	3534636	2972656	3163325	3101174	3109270	3176212	6.68	
Aroclor-1016 {4}	1745680	1404075	1488362	1424772	1435859	1499750	9.40	
Aroclor-1016 {5}	2686885	2328391	2456665	2403548	2415470	2458192	5.53	
Aroclor-1221			618501					
Aroclor-1221 {2}			1128582					
Aroclor-1221 {3}			681947					
Aroclor-1221 {4}			2551643					
Aroclor-1221 {5}			480523					
Aroclor-1232			1831153					
Aroclor-1232 {2}			986000					
Aroclor-1232 {3}			893737					
Aroclor-1232 {4}			878058					
Aroclor-1232 {5}			1225450					
Aroclor-1242			1751102					
Aroclor-1242 {2}			1062851					
Aroclor-1242 {3}			1435125					
Aroclor-1242 {4}			2436831					
Aroclor-1242 {5}			2159921					
Aroclor-1248			3661689					
Aroclor-1248 {2}			2005052					
Aroclor-1248 {3}			2495393					
Aroclor-1248 {4}			4524397					
Aroclor-1248 {5}			3137355					
Aroclor-1254			4462170					
Aroclor-1254 {2}			2744880					
Aroclor-1254 {3}			5263695					
Aroclor-1254 {4}			5156827					
Aroclor-1254 {5}			4250307					
Aroclor-1260	5796468	6099813	6151135	5893257	5903979	5968930	2.51	
Aroclor-1260 {2}	1708455	2452925	2499350	2373323	2466938	2300198	14.52	
Aroclor-1260 {3}	6413601	6154515	6638804	6045721	6299865	6310501	3.66	
Aroclor-1260 {4}	2955584	3454374	3144178	2956833	3017131	3105620	6.75	
Aroclor-1260 {5}	1279520	1727719	1269645	1252500	1245729	1355022	15.41	

Average %RSD

7.79

# AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/27/2012

Instrument ID: GC-Y  
 GC Column (2nd): RTX-CLP2

Data File: Y1144.C Y1143.C Y1142.C Y1141.C Y1140.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.78	3.78	3.78	3.78	3.78	3.78	3.71	3.85
Aroclor-1016 {2}	4.37	4.37	4.37	4.37	4.37	4.37	4.30	4.44
Aroclor-1016 {3}	5.13	5.13	5.13	5.13	5.13	5.13	5.06	5.20
Aroclor-1016 {4}	5.34	5.33	5.33	5.33	5.33	5.33	5.26	5.40
Aroclor-1016 {5}	5.51	5.51	5.51	5.51	5.51	5.51	5.44	5.58
Aroclor-1221			2.46				2.39	2.53
Aroclor-1221 {2}			3.46				3.39	3.53
Aroclor-1221 {3}			3.69				3.62	3.76
Aroclor-1221 {4}			3.78				3.71	3.85
Aroclor-1221 {5}			5.14				5.07	5.21
Aroclor-1232			3.78				3.71	3.85
Aroclor-1232 {2}			4.76				4.69	4.83
Aroclor-1232 {3}			5.33				5.26	5.40
Aroclor-1232 {4}			5.51				5.44	5.58
Aroclor-1232 {5}			6.11				6.04	6.18
Aroclor-1242			4.76				4.69	4.83
Aroclor-1242 {2}			5.51				5.44	5.58
Aroclor-1242 {3}			6.11				6.04	6.18
Aroclor-1242 {4}			6.26				6.19	6.33
Aroclor-1242 {5}			6.81				6.74	6.88
Aroclor-1248			5.12				5.04	5.20
Aroclor-1248 {2}			5.71				5.63	5.79
Aroclor-1248 {3}			6.10				6.02	6.18
Aroclor-1248 {4}			6.26				6.18	6.34
Aroclor-1248 {5}			6.61				6.53	6.69
Aroclor-1254			7.10				7.02	7.18
Aroclor-1254 {2}			7.69				7.61	7.77
Aroclor-1254 {3}			8.31				8.22	8.40
Aroclor-1254 {4}			8.53				8.44	8.62
Aroclor-1254 {5}			9.12				9.03	9.21
Aroclor-1260	7.87	7.87	7.87	7.87	7.87	7.87	6.97	8.77
Aroclor-1260 {2}	8.12	8.12	8.12	8.12	8.12	8.12	7.22	9.02
Aroclor-1260 {3}	9.71	9.71	9.71	9.71	9.71	9.71	8.81	10.61
Aroclor-1260 {4}	10.22	10.22	10.22	10.22	10.22	10.22	9.32	11.12
Aroclor-1260 {5}	10.81	10.81	10.81	10.81	10.81	10.81	9.91	11.71

# AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/27/2012

Instrument ID: GC-Y  
GC Column (2nd): RTX-CLP2

Data File: Y1144.C    Y1143.C    Y1142.C    Y1141.C    Y1140.C

Compound	CALIBRATION FACTORS						%RSD
	10	50	500	1000	2000	MEAN	
Aroclor-1016	544205	537751	467417	423723	393625	473344	14.18
Aroclor-1016 {2}	1093471	1110193	916876	830553	767921	943803	16.29
Aroclor-1016 {3}	2308378	2291411	2078344	1914126	1796124	2077677	10.89
Aroclor-1016 {4}	1031954	1012793	877889	802293	743630	893712	14.20
Aroclor-1016 {5}	737942	773096	683417	630056	586931	682289	11.15
Aroclor-1221			195158				
Aroclor-1221 {2}			269665				
Aroclor-1221 {3}			181811				
Aroclor-1221 {4}			680802				
Aroclor-1221 {5}			122217				
Aroclor-1232			512907				
Aroclor-1232 {2}			191309				
Aroclor-1232 {3}			402349				
Aroclor-1232 {4}			311541				
Aroclor-1232 {5}			423699				
Aroclor-1242			325956				
Aroclor-1242 {2}			544751				
Aroclor-1242 {3}			690740				
Aroclor-1242 {4}			568560				
Aroclor-1242 {5}			1093176				
Aroclor-1248			1039238				
Aroclor-1248 {2}			1533070				
Aroclor-1248 {3}			1085332				
Aroclor-1248 {4}			984251				
Aroclor-1248 {5}			535963				
Aroclor-1254			1281510				
Aroclor-1254 {2}			967077				
Aroclor-1254 {3}			907574				
Aroclor-1254 {4}			532559				
Aroclor-1254 {5}			1253260				
Aroclor-1260	800177	823523	713513	660407	610102	721544	12.55
Aroclor-1260 {2}	1096884	1196645	1052171	970931	896292	1042585	11.07
Aroclor-1260 {3}	809692	933378	919943	871345	785795	864031	7.56
Aroclor-1260 {4}	1607884	2034074	2137207	1985358	1853381	1923581	10.60
Aroclor-1260 {5}	1078068	1421520	1600261	1456756	1343554	1380032	13.97
Average %RSD						12.25	

# AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/27/2012

Instrument ID: GC-Y  
GC Column (1st): DB-5

Data File: Y1144.D Y1143.D Y1142.D Y1141.D Y1140.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			8.62				7.72	7.72
Aroclor-1262 {2}			9.48				8.58	8.58
Aroclor-1262 {3}			10.11				9.21	9.21
Aroclor-1262 {4}			10.20				9.20	9.20
Aroclor-1262 {5}			11.02				10.02	10.02
Aroclor-1268			10.11				9.11	9.11
Aroclor-1268 {2}			10.19				9.09	9.09
Aroclor-1268 {3}			10.66				9.56	9.56
Aroclor-1268 {4}			10.79				9.69	9.69
Aroclor-1268 {5}			11.62				10.52	10.52

GC Column (2nd): DB-1701P

Data File: Y1144.C Y1143.C Y1142.C Y1141.C Y1140.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			9.71				8.81	8.81
Aroclor-1262 {2}			10.22				9.32	9.32
Aroclor-1262 {3}			10.71				9.81	9.81
Aroclor-1262 {4}			10.80				9.80	9.80
Aroclor-1262 {5}			11.40				10.40	10.40
Aroclor-1268			10.71				9.71	9.71
Aroclor-1268 {2}			10.79				9.69	9.69
Aroclor-1268 {3}			11.04				9.94	9.94
Aroclor-1268 {4}			11.19				10.09	10.09
Aroclor-1268 {5}			12.27				11.17	11.17

# AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/27/2012      Instrument ID: GC-Y  
 GC Column (1st): DB-5

Data File: Y1144.D Y1143.D Y1142.D Y1141.D Y1140.D

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1262			4679194				
Aroclor-1262 {2}			8337139				
Aroclor-1262 {3}			2718445				
Aroclor-1262 {4}			3453906				
Aroclor-1262 {5}			2640319				
Aroclor-1268			8560197				
Aroclor-1268 {2}			9694084				
Aroclor-1268 {3}			7141308				
Aroclor-1268 {4}			2248426				
Aroclor-1268 {5}			20712676				

GC Column (2nd): DB-1701P

Data File: Y1144.C Y1143.C Y1142.C Y1141.C Y1140.C

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1262			1192131				
Aroclor-1262 {2}			2701939				
Aroclor-1262 {3}			927683				
Aroclor-1262 {4}			1978216				
Aroclor-1262 {5}			628891				
Aroclor-1268			2806355				
Aroclor-1268 {2}			3027623				
Aroclor-1268 {3}			2417922				
Aroclor-1268 {4}			633526				
Aroclor-1268 {5}			7719444				

# PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/30/2012

Instrument ID: GC-R  
GC Column (1st): DB-5

Data File: R3532.D R3531.D R3530.D R3529.D R3528.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.98	3.98	3.98	3.97	3.97	3.98	3.91	4.05
Aroclor-1016 {2}	4.87	4.87	4.87	4.87	4.87	4.87	4.80	4.94
Aroclor-1016 {3}	5.46	5.46	5.46	5.46	5.45	5.46	5.39	5.53
Aroclor-1016 {4}	5.99	5.99	5.99	5.99	5.99	5.99	5.92	6.06
Aroclor-1016 {5}	6.40	6.40	6.40	6.40	6.40	6.40	6.33	6.47
Aroclor-1221			2.75				2.68	2.82
Aroclor-1221 {2}			3.76				3.69	3.83
Aroclor-1221 {3}			3.90				3.83	3.97
Aroclor-1221 {4}			3.98				3.91	4.05
Aroclor-1221 {5}			4.62				4.55	4.69
Aroclor-1232			3.98				3.91	4.05
Aroclor-1232 {2}			4.87				4.80	4.94
Aroclor-1232 {3}			5.58				5.51	5.65
Aroclor-1232 {4}			6.20				6.13	6.27
Aroclor-1232 {5}			6.40				6.33	6.47
Aroclor-1242			4.87				4.80	4.94
Aroclor-1242 {2}			5.86				5.79	5.93
Aroclor-1242 {3}			6.20				6.13	6.27
Aroclor-1242 {4}			6.92				6.85	6.99
Aroclor-1242 {5}			7.20				7.13	7.27
Aroclor-1248			5.30				5.22	5.38
Aroclor-1248 {2}			5.86				5.78	5.94
Aroclor-1248 {3}			6.20				6.12	6.28
Aroclor-1248 {4}			6.92				6.84	7.00
Aroclor-1248 {5}			7.20				7.12	7.28
Aroclor-1254			7.32				7.24	7.40
Aroclor-1254 {2}			7.77				7.69	7.85
Aroclor-1254 {3}			7.94				7.85	8.03
Aroclor-1254 {4}			8.40				8.31	8.49
Aroclor-1254 {5}			9.25				9.16	9.34
Aroclor-1260	9.25	9.25	9.25	9.25	9.25	9.25	8.35	10.15
Aroclor-1260 {2}	9.94	9.94	9.94	9.94	9.94	9.94	9.04	10.84
Aroclor-1260 {3}	10.42	10.42	10.42	10.42	10.42	10.42	9.52	11.32
Aroclor-1260 {4}	10.91	10.91	10.91	10.91	10.91	10.91	10.01	11.81
Aroclor-1260 {5}	11.98	11.99	11.98	11.98	11.98	11.98	11.08	12.88

# PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/30/2012      Instrument ID: GC-R  
 GC Column (1st): DB-5

Data File: R3532.D R3531.D R3530.D R3529.D R3528.D

Compound	CALIBRATION FACTORS						%RSD
	10	50	500	1000	2000	MEAN	
Aroclor-1016	3169538	3083875	3134822	3042396	2353283	2956783	11.53
Aroclor-1016 {2}	2565919	3798384	3494857	3508527	2536989	3180935	18.47
Aroclor-1016 {3}	5508191	5457746	5524489	5202280	3493148	5037171	17.33
Aroclor-1016 {4}	2618949	2463106	2519686	2392167	1662486	2331279	16.43
Aroclor-1016 {5}	4394403	4213688	4419956	4128326	2937824	4018839	15.34
Aroclor-1221			1232163				
Aroclor-1221 {2}			1908472				
Aroclor-1221 {3}			1354132				
Aroclor-1221 {4}			4702923				
Aroclor-1221 {5}			952986				
Aroclor-1232			3932178				
Aroclor-1232 {2}			1748747				
Aroclor-1232 {3}			2155905				
Aroclor-1232 {4}			1626277				
Aroclor-1232 {5}			2865168				
Aroclor-1242			2868722				
Aroclor-1242 {2}			2286283				
Aroclor-1242 {3}			2486701				
Aroclor-1242 {4}			4890095				
Aroclor-1242 {5}			4496999				
Aroclor-1248			7641038				
Aroclor-1248 {2}			4184774				
Aroclor-1248 {3}			4219724				
Aroclor-1248 {4}			8629691				
Aroclor-1248 {5}			7035566				
Aroclor-1254			9588556				
Aroclor-1254 {2}			6076633				
Aroclor-1254 {3}			11103311				
Aroclor-1254 {4}			12668349				
Aroclor-1254 {5}			11126269				
Aroclor-1260	12051366	11275672	13894083	13139743	8799413	11832055	16.65
Aroclor-1260 {2}	7701182	6251654	6993368	6785500	4857488	6517838	16.32
Aroclor-1260 {3}	17863196	19145627	21853201	20953624	15213758	19005881	13.82
Aroclor-1260 {4}	10892769	8765561	10292180	9586901	6990567	9305595	16.32
Aroclor-1260 {5}	4532582	4233974	4840759	5934253	3926044	4693522	16.46
Average %RSD							15.87

# PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/30/2012      Instrument ID: GC-R  
 GC Column (2nd): RTX-CLP2

Data File: R3532.C R3531.C R3530.C R3529.C R3528.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	4.29	4.29	4.29	4.29	4.29	4.29	4.22	4.36
Aroclor-1016 {2}	4.91	4.91	4.91	4.91	4.91	4.91	4.84	4.98
Aroclor-1016 {3}	5.68	5.68	5.68	5.68	5.68	5.68	5.61	5.75
Aroclor-1016 {4}	5.90	5.90	5.90	5.90	5.90	5.90	5.83	5.97
Aroclor-1016 {5}	6.08	6.08	6.08	6.08	6.08	6.08	6.01	6.15
Aroclor-1221			2.91				2.84	2.98
Aroclor-1221 {2}			3.97				3.90	4.04
Aroclor-1221 {3}			4.21				4.14	4.28
Aroclor-1221 {4}			4.31				4.24	4.38
Aroclor-1221 {5}			5.70				5.63	5.77
Aroclor-1232			4.29				4.22	4.36
Aroclor-1232 {2}			5.31				5.24	5.38
Aroclor-1232 {3}			5.90				5.83	5.97
Aroclor-1232 {4}			6.08				6.01	6.15
Aroclor-1232 {5}			6.69				6.62	6.76
Aroclor-1242			5.31				5.24	5.38
Aroclor-1242 {2}			6.08				6.01	6.15
Aroclor-1242 {3}			6.69				6.62	6.76
Aroclor-1242 {4}			6.84				6.77	6.91
Aroclor-1242 {5}			7.40				7.33	7.47
Aroclor-1248			5.68				5.60	5.76
Aroclor-1248 {2}			6.28				6.20	6.36
Aroclor-1248 {3}			6.68				6.60	6.76
Aroclor-1248 {4}			6.84				6.76	6.92
Aroclor-1248 {5}			7.20				7.12	7.28
Aroclor-1254			7.70				7.62	7.78
Aroclor-1254 {2}			8.29				8.21	8.37
Aroclor-1254 {3}			8.74				8.65	8.83
Aroclor-1254 {4}			8.92				8.83	9.01
Aroclor-1254 {5}			9.74				9.65	9.83
Aroclor-1260	8.73	8.73	8.73	8.73	8.73	8.73	7.83	9.63
Aroclor-1260 {2}	9.14	9.14	9.14	9.14	9.14	9.14	8.24	10.04
Aroclor-1260 {3}	10.35	10.34	10.35	10.35	10.34	10.35	9.45	11.25
Aroclor-1260 {4}	10.85	10.85	10.85	10.86	10.85	10.85	9.95	11.75
Aroclor-1260 {5}	11.45	11.45	11.45	11.45	11.45	11.45	10.55	12.35

# PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/30/2012      Instrument ID: GC-R  
 GC Column (2nd): RTX-CLP2

Data File: R3532.C    R3531.C    R3530.C    R3529.C    R3528.C

Compound	CALIBRATION FACTORS						MEAN	%RSD
	10	50	500	1000	2000			
Aroclor-1016	3070026	2866185	2753833	2688240	2204454	2716548	11.81	
Aroclor-1016 {2}	6129633	5424300	5240792	5105878	4196458	5219412	13.31	
Aroclor-1016 {3}	12514026	12895205	11415390	11372077	9449342	11529208	11.64	
Aroclor-1016 {4}	4788775	5301096	4720839	4648775	3826881	4657273	11.39	
Aroclor-1016 {5}	4428978	4278236	3756547	3679022	3031178	3834792	14.44	
Aroclor-1221			1210935					
Aroclor-1221 {2}			1621121					
Aroclor-1221 {3}			1105604					
Aroclor-1221 {4}			3810283					
Aroclor-1221 {5}			1212612					
Aroclor-1232			3148750					
Aroclor-1232 {2}			1185209					
Aroclor-1232 {3}			2398666					
Aroclor-1232 {4}			1919062					
Aroclor-1232 {5}			2741161					
Aroclor-1242			1901918					
Aroclor-1242 {2}			3147585					
Aroclor-1242 {3}			4290597					
Aroclor-1242 {4}			3497153					
Aroclor-1242 {5}			3216011					
Aroclor-1248			6010026					
Aroclor-1248 {2}			8424643					
Aroclor-1248 {3}			6415583					
Aroclor-1248 {4}			5399279					
Aroclor-1248 {5}			3107389					
Aroclor-1254			5622779					
Aroclor-1254 {2}			6064743					
Aroclor-1254 {3}			3827488					
Aroclor-1254 {4}			5776327					
Aroclor-1254 {5}			7740745					
Aroclor-1260	6041158	5826997	5323711	4958305	4048576	5239749	15.06	
Aroclor-1260 {2}	6585520	6706582	5959749	5549221	4654287	5891072	14.20	
Aroclor-1260 {3}	4772390	4497162	4276582	4355255	3181870	4216652	14.43	
Aroclor-1260 {4}	10226935	9075451	8952645	9505120	6549756	8861982	15.63	
Aroclor-1260 {5}	6097930	6427592	6455914	5763986	4783136	5905712	11.65	
Average %RSD							13.36	

# AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/30/2012      Instrument ID: GC-R  
 GC Column (1st): DB-5

Data File: R3532.D R3531.D R3530.D R3529.D R3528.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			9.55				8.65	8.65
Aroclor-1262 {2}			10.42				9.52	9.52
Aroclor-1262 {3}			11.06				10.16	10.16
Aroclor-1262 {4}			11.15				10.15	10.15
Aroclor-1262 {5}			11.98				10.98	10.98
Aroclor-1268			11.06				10.06	10.06
Aroclor-1268 {2}			11.15				10.05	10.05
Aroclor-1268 {3}			11.63				10.53	10.53
Aroclor-1268 {4}			11.76				10.66	10.66
Aroclor-1268 {5}			12.60				11.50	11.50

GC Column (2nd): DB-1701P

Data File: R3532.C R3531.C R3530.C R3529.C R3528.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			10.34				9.44	9.44
Aroclor-1262 {2}			10.85				9.95	9.95
Aroclor-1262 {3}			11.36				10.46	10.46
Aroclor-1262 {4}			11.45				10.45	10.45
Aroclor-1262 {5}			12.06				11.06	11.06
Aroclor-1268			11.36				10.36	10.36
Aroclor-1268 {2}			11.44				10.34	10.34
Aroclor-1268 {3}			11.70				10.60	10.60
Aroclor-1268 {4}			11.84				10.74	10.74
Aroclor-1268 {5}			12.93				11.83	11.83

# PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/30/2012

Instrument ID: GC-R  
GC Column (1st): DB-5

Data File: R3532.D R3531.D R3530.D R3529.D R3528.D

Compound	CALIBRATION FACTORS						%RSD
	10	50	500	1000	2000	MEAN	
Aroclor-1262			18885739				
Aroclor-1262 {2}			34996193				
Aroclor-1262 {3}			13090002				
Aroclor-1262 {4}			14013040				
Aroclor-1262 {5}			8685908				
Aroclor-1268			38176891				
Aroclor-1268 {2}			36098723				
Aroclor-1268 {3}			28239722				
Aroclor-1268 {4}			7780749				
Aroclor-1268 {5}			69983542				

GC Column (2nd): DB-1701P

Data File: R3532.C R3531.C R3530.C R3529.C R3528.C

Compound	CALIBRATION FACTORS						%RSD
	10	50	500	1000	2000	MEAN	
Aroclor-1262			6988647				
Aroclor-1262 {2}			15123170				
Aroclor-1262 {3}			5179924				
Aroclor-1262 {4}			10480275				
Aroclor-1262 {5}			3384243				
Aroclor-1268			14450716				
Aroclor-1268 {2}			14473253				
Aroclor-1268 {3}			11740930				
Aroclor-1268 {4}			3179201				
Aroclor-1268 {5}			35680648				

# PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/21/2012      Instrument ID: GC-R

Data File: R3947.D      GC Column (1st): DB-5

Compound	RT	RT WI NDOW	FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.98	3.91		4.05	2956783	3290855	11.30
Aroclor-1016 {2}	4.87	4.80		4.94	3180935	3541725	11.34
Aroclor-1016 {3}	5.46	5.39		5.53	5037171	5944834	18.02
Aroclor-1016 {4}	5.99	5.92		6.06	2331279	2741749	17.61
Aroclor-1016 {5}	6.40	6.33		6.47	4018839	4445518	10.62
Aroclor-1260	9.26	8.35		10.15	11832055	14003711	18.35
Aroclor-1260 {2}	9.95	9.04		10.84	6517838	5756215	11.69
Aroclor-1260 {3}	10.42	9.52		11.32	19005881	18629306	1.98
Aroclor-1260 {4}	10.92	10.01		11.81	9305595	8787577	5.57
Aroclor-1260 {5}	11.99	11.08		12.88	4693522	4482478	4.50
Average %D						11.10	

Data File: R3947.C      GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW	FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.30	4.22		4.36	2716548	3003515	10.56
Aroclor-1016 {2}	4.92	4.84		4.98	5219412	5731385	9.81
Aroclor-1016 {3}	5.69	5.61		5.75	11529208	12651285	9.73
Aroclor-1016 {4}	5.91	5.83		5.97	4657273	4503049	3.31
Aroclor-1016 {5}	6.09	6.01		6.15	3834792	4279076	11.59
Aroclor-1260	8.74	7.83		9.63	5239749	5996555	14.44
Aroclor-1260 {2}	9.15	8.24		10.04	5891072	6614706	12.28
Aroclor-1260 {3}	10.35	9.45		11.25	4216652	4979156	18.08
Aroclor-1260 {4}	10.86	9.95		11.75	8861982	9982454	12.64
Aroclor-1260 {5}	11.46	10.55		12.35	5905712	6842637	15.86
Average %D						11.83	

# PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/22/2012

Instrument ID: GC-R

Data File: R3972.D

GC Column (1st): DB-5

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.98	3.91	4.05	2956783	2772727	6.22
Aroclor-1016 {2}	4.87	4.80	4.94	3180935	3786213	19.03
Aroclor-1016 {3}	5.46	5.39	5.53	5037171	5315056	5.52
Aroclor-1016 {4}	5.99	5.92	6.06	2331279	2634525	13.01
Aroclor-1016 {5}	6.40	6.33	6.47	4018839	4473685	11.32
Aroclor-1260	9.26	8.35	10.15	11832055	13582355	14.79
Aroclor-1260 {2}	9.94	9.04	10.84	6517838	7747535	18.87
Aroclor-1260 {3}	10.42	9.52	11.32	19005881	21988686	15.69
Aroclor-1260 {4}	10.92	10.01	11.81	9305595	9387077	0.88
Aroclor-1260 {5}	11.99	11.08	12.88	4693522	4200706	10.50
<b>Average %D</b>						11.58

Data File: R3972.C

GC Column (2nd): DB-1701P

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	4.29	4.22	4.36	2716548	2918816	7.45
Aroclor-1016 {2}	4.91	4.84	4.98	5219412	5575567	6.82
Aroclor-1016 {3}	5.68	5.61	5.75	11529208	12361475	7.22
Aroclor-1016 {4}	5.89	5.83	5.97	4657273	5199439	11.64
Aroclor-1016 {5}	6.07	6.01	6.15	3834792	4265965	11.24
Aroclor-1260	8.73	7.83	9.63	5239749	6240214	19.09
Aroclor-1260 {2}	9.14	8.24	10.04	5891072	6870722	16.63
Aroclor-1260 {3}	10.34	9.45	11.25	4216652	4916306	16.59
Aroclor-1260 {4}	10.85	9.95	11.75	8861982	10279769	16.00
Aroclor-1260 {5}	11.45	10.55	12.35	5905712	7023734	18.93
<b>Average %D</b>						13.16

# PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed:

09/24/2012

Instrument ID:

GC-R

Data File:

R3973.D

GC Column (1st):

DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.98	3.91	4.05	2956783	2905743	1.73
Aroclor-1016 {2}	4.87	4.80	4.94	3180935	3470736	9.11
Aroclor-1016 {3}	5.46	5.39	5.53	5037171	5717807	13.51
Aroclor-1016 {4}	5.99	5.92	6.06	2331279	2599847	11.52
Aroclor-1016 {5}	6.41	6.33	6.47	4018839	4690396	16.71
Aroclor-1260	9.26	8.35	10.15	11832055	13798776	16.62
Aroclor-1260 {2}	9.95	9.04	10.84	6517838	5909309	9.34
Aroclor-1260 {3}	10.42	9.52	11.32	19005881	17593383	7.43
Aroclor-1260 {4}	10.92	10.01	11.81	9305595	7911393	14.98
Aroclor-1260 {5}	11.99	11.08	12.88	4693522	5245756	11.77
<b>Average %D</b>					<b>11.27</b>	

Data File:

R3973.C

GC Column (2nd):

DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.30	4.22	4.36	2716548	3195162	17.62
Aroclor-1016 {2}	4.92	4.84	4.98	5219412	6119479	17.24
Aroclor-1016 {3}	5.69	5.61	5.75	11529208	13240991	14.85
Aroclor-1016 {4}	5.91	5.83	5.97	4657273	4944372	6.16
Aroclor-1016 {5}	6.09	6.01	6.15	3834792	4154970	8.35
Aroclor-1260	8.74	7.83	9.63	5239749	5974267	14.02
Aroclor-1260 {2}	9.15	8.24	10.04	5891072	6679440	13.38
Aroclor-1260 {3}	10.35	9.45	11.25	4216652	4859123	15.24
Aroclor-1260 {4}	10.86	9.95	11.75	8861982	9428727	6.40
Aroclor-1260 {5}	11.45	10.55	12.35	5905712	6422901	8.76
<b>Average %D</b>					<b>12.20</b>	

# PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed:

09/24/2012

Instrument ID:

GC-R

Data File:

R3994.D

GC Column (1st):

DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.98	3.91	4.05	2956783	2997832	1.39
Aroclor-1016 {2}	4.87	4.80	4.94	3180935	3681795	15.75
Aroclor-1016 {3}	5.46	5.39	5.53	5037171	5278761	4.80
Aroclor-1016 {4}	5.99	5.92	6.06	2331279	2369951	1.66
Aroclor-1016 {5}	6.40	6.33	6.47	4018839	4269448	6.24
Aroclor-1260	9.26	8.35	10.15	11832055	10593949	10.46
Aroclor-1260 {2}	9.94	9.04	10.84	6517838	5647986	13.35
Aroclor-1260 {3}	10.42	9.52	11.32	19005881	16398999	13.72
Aroclor-1260 {4}	10.91	10.01	11.81	9305595	8110914	12.84
Aroclor-1260 {5}	11.98	11.08	12.88	4693522	4581723	2.38
<b>Average %D</b>						8.26

Data File:

R3994.C

GC Column (2nd):

DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.29	4.22	4.36	2716548	2902750	6.85
Aroclor-1016 {2}	4.91	4.84	4.98	5219412	5398833	3.44
Aroclor-1016 {3}	5.68	5.61	5.75	11529208	11640142	0.96
Aroclor-1016 {4}	5.90	5.83	5.97	4657273	4721157	1.37
Aroclor-1016 {5}	6.07	6.01	6.15	3834792	3964774	3.39
Aroclor-1260	8.73	7.83	9.63	5239749	4835289	7.72
Aroclor-1260 {2}	9.14	8.24	10.04	5891072	5066433	14.00
Aroclor-1260 {3}	10.34	9.45	11.25	4216652	3814905	9.53
Aroclor-1260 {4}	10.85	9.95	11.75	8861982	7752240	12.52
Aroclor-1260 {5}	11.45	10.55	12.35	5905712	5797202	1.84
<b>Average %D</b>						6.16

# PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/25/2012

Instrument ID: GC-R

Data File: R3998.D

GC Column (1st):

DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.98	3.91	4.05	2956783	3480283	17.71
Aroclor-1016 {2}	4.88	4.80	4.94	3180935	3691069	16.04
Aroclor-1016 {3}	5.46	5.39	5.53	5037171	5470636	8.61
Aroclor-1016 {4}	5.99	5.92	6.06	2331279	2653004	13.80
Aroclor-1016 {5}	6.41	6.33	6.47	4018839	4587464	14.15
Aroclor-1260	9.26	8.35	10.15	11832055	12554672	6.11
Aroclor-1260 {2}	9.95	9.04	10.84	6517838	5746917	11.83
Aroclor-1260 {3}	10.42	9.52	11.32	19005881	17068980	10.19
Aroclor-1260 {4}	10.92	10.01	11.81	9305595	7960788	14.45
Aroclor-1260 {5}	11.99	11.08	12.88	4693522	4628708	1.38
<b>Average %D</b>						11.43

Data File: R3998.C

GC Column (2nd):

DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	4.30	4.22	4.36	2716548	2730643	0.52
Aroclor-1016 {2}	4.92	4.84	4.98	5219412	6160488	18.03
Aroclor-1016 {3}	5.69	5.61	5.75	11529208	13063720	13.31
Aroclor-1016 {4}	5.91	5.83	5.97	4657273	4929429	5.84
Aroclor-1016 {5}	6.09	6.01	6.15	3834792	4285387	11.75
Aroclor-1260	8.74	7.83	9.63	5239749	6063201	15.72
Aroclor-1260 {2}	9.15	8.24	10.04	5891072	6812631	15.64
Aroclor-1260 {3}	10.35	9.45	11.25	4216652	4724042	12.03
Aroclor-1260 {4}	10.86	9.95	11.75	8861982	9485609	7.04
Aroclor-1260 {5}	11.46	10.55	12.35	5905712	6504970	10.15
<b>Average %D</b>						11.00

# PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/26/2012

Instrument ID: GC-R

Data File: R4020.D

GC Column (1st):

DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.98	3.91	4.05	2956783	3365561	13.83
Aroclor-1016 {2}	4.88	4.80	4.94	3180935	3627436	14.04
Aroclor-1016 {3}	5.46	5.39	5.53	5037171	5849478	16.13
Aroclor-1016 {4}	5.99	5.92	6.06	2331279	2201937	5.55
Aroclor-1016 {5}	6.41	6.33	6.47	4018839	4670007	16.20
Aroclor-1260	9.26	8.35	10.15	11832055	11644984	1.58
Aroclor-1260 {2}	9.95	9.04	10.84	6517838	5486778	15.82
Aroclor-1260 {3}	10.43	9.52	11.32	19005881	15842480	16.64
Aroclor-1260 {4}	10.92	10.01	11.81	9305595	7755294	16.66
Aroclor-1260 {5}	11.99	11.08	12.88	4693522	4883463	4.05
<b>Average %D</b>						12.05

Data File: R4020.C

GC Column (2nd):

DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	4.30	4.22	4.36	2716548	2775226	2.16
Aroclor-1016 {2}	4.92	4.84	4.98	5219412	6037779	15.68
Aroclor-1016 {3}	5.69	5.61	5.75	11529208	13157826	14.13
Aroclor-1016 {4}	5.91	5.83	5.97	4657273	5241745	12.55
Aroclor-1016 {5}	6.09	6.01	6.15	3834792	4500978	17.37
Aroclor-1260	8.74	7.83	9.63	5239749	6068299	15.81
Aroclor-1260 {2}	9.15	8.24	10.04	5891072	6622671	12.42
Aroclor-1260 {3}	10.35	9.45	11.25	4216652	4757114	12.82
Aroclor-1260 {4}	10.86	9.95	11.75	8861982	9663570	9.05
Aroclor-1260 {5}	11.46	10.55	12.35	5905712	6682224	13.15
<b>Average %D</b>						12.51

# AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/25/2012

Instrument ID: GC-Y

Data File: Y1955.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOw FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.29	3.21	3.35	1658832	1503109	9.39
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2108696	10.24
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	2759966	13.11
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1347976	10.12
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2154116	12.37
Aroclor-1260	8.34	7.43	9.23	5968930	5382099	9.83
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2231374	2.99
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	5825745	7.68
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3258158	4.91
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1268991	6.35
<b>Average %D</b>						<b>8.70</b>

Data File: Y1955.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOw FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	470429	0.62
Aroclor-1016 {2}	4.38	4.30	4.44	943803	913549	3.21
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2096419	0.90
Aroclor-1016 {4}	5.34	5.26	5.40	893712	872206	2.41
Aroclor-1016 {5}	5.51	5.44	5.58	682289	688042	0.84
Aroclor-1260	7.87	6.97	8.77	721544	679324	5.85
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	984968	5.53
Aroclor-1260 {3}	9.71	8.81	10.61	864031	838416	2.96
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	1828130	4.96
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1264344	8.38
<b>Average %D</b>						<b>3.57</b>

# AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/26/2012      Instrument ID: GC-Y

Data File: Y1980.D      GC Column (1st): DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1658832	1593167	3.96
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2069641	11.90
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	3006861	5.33
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1518018	1.22
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2396094	2.53
Aroclor-1260	8.34	7.43	9.23	5968930	6463295	8.28
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2631971	14.42
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	7440391	17.90
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3594793	15.75
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1345781	0.68
<b>Average %D</b>						<b>8.20</b>

Data File: Y1980.C      GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	500355	5.71
Aroclor-1016 {2}	4.37	4.30	4.44	943803	983271	4.18
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2259023	8.73
Aroclor-1016 {4}	5.34	5.26	5.40	893712	949540	6.25
Aroclor-1016 {5}	5.51	5.44	5.58	682289	752449	10.28
Aroclor-1260	7.87	6.97	8.77	721544	780463	8.17
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1163123	11.56
Aroclor-1260 {3}	9.71	8.81	10.61	864031	958188	10.90
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2077865	8.02
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1403105	1.67
<b>Average %D</b>						<b>7.55</b>

# AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/26/2012

Instrument ID: GC-Y

Data File: Y1989.D

GC Column (1st): DB-5

Compound	RT	RT WINDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1658832	1556058	6.20
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2155645	8.24
Aroclor-1016 {3}	4.66	4.59	4.73	3176212	2718491	14.41
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1477153	1.51
Aroclor-1016 {5}	5.56	5.49	5.63	2458192	2173682	11.57
Aroclor-1260	8.34	7.43	9.23	5968930	5322988	10.82
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	1936405	15.82
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	5562040	11.86
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	2597914	16.35
Aroclor-1260 {5}	11.03	10.12	11.92	1355022	1309784	3.34
<b>Average %D</b>						10.01

Data File: Y1989.C

GC Column (2nd): DB-1701P

Compound	RT	RT WINDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.71	3.85	473344	440288	6.98
Aroclor-1016 {2}	4.39	4.30	4.44	943803	836120	11.41
Aroclor-1016 {3}	5.14	5.06	5.20	2077677	1910383	8.05
Aroclor-1016 {4}	5.35	5.26	5.40	893712	749913	16.09
Aroclor-1016 {5}	5.52	5.44	5.58	682289	639189	6.32
Aroclor-1260	7.88	6.97	8.77	721544	663963	7.98
Aroclor-1260 {2}	8.13	7.22	9.02	1042585	953732	8.52
Aroclor-1260 {3}	9.72	8.81	10.61	864031	788236	8.77
Aroclor-1260 {4}	10.23	9.32	11.12	1923581	1655887	13.92
Aroclor-1260 {5}	10.82	9.91	11.71	1380032	1273296	7.73
<b>Average %D</b>						9.58

# AROCLOL CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/26/2012      Instrument ID: GC-Y

Data File: Y2002.D      GC Column (1st): DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1658832	1455951	12.23
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2298228	2.17
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	3390128	6.73
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1359638	9.34
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2057298	16.31
Aroclor-1260	8.34	7.43	9.23	5968930	5217264	12.59
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2075854	9.75
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	5260913	16.63
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	2827825	8.94
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1355712	0.05
<b>Average %D</b>						<b>9.48</b>

Data File: Y2002.C      GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	442717	6.47
Aroclor-1016 {2}	4.37	4.30	4.44	943803	849057	10.04
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	1939346	6.66
Aroclor-1016 {4}	5.34	5.26	5.40	893712	756035	15.41
Aroclor-1016 {5}	5.51	5.44	5.58	682289	648420	4.96
Aroclor-1260	7.87	6.97	8.77	721544	659704	8.57
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	967345	7.22
Aroclor-1260 {3}	9.71	8.81	10.61	864031	806896	6.61
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	1767523	8.11
Aroclor-1260 {5}	10.80	9.91	11.71	1380032	1214339	12.01
<b>Average %D</b>						<b>8.61</b>

# AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/27/2012

Instrument ID: GC-Y

Data File: Y2042.D

GC Column (1st): DB-5

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.29	3.21	3.35	1658832	1526997	7.95
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2004592	14.67
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	2735635	13.87
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1466926	2.19
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2232727	9.17
Aroclor-1260	8.34	7.43	9.23	5968930	5587449	6.39
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2019715	12.19
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	6244579	1.04
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	2895713	6.76
Aroclor-1260 {5}	11.03	10.12	11.92	1355022	1462600	7.94
<b>Average %D</b>						<b>8.22</b>

Data File: Y2042.C

GC Column (2nd): DB-1701P

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.78	3.71	3.85	473344	465831	1.59
Aroclor-1016 {2}	4.38	4.30	4.44	943803	896651	5.00
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2049277	1.37
Aroclor-1016 {4}	5.34	5.26	5.40	893712	797399	10.78
Aroclor-1016 {5}	5.51	5.44	5.58	682289	689213	1.01
Aroclor-1260	7.87	6.97	8.77	721544	717917	0.50
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1060393	1.71
Aroclor-1260 {3}	9.71	8.81	10.61	864031	903198	4.53
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	1989822	3.44
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1364658	1.11
<b>Average %D</b>						<b>3.10</b>

**AROCLOR CALIBRATION VERIFICATION SUMMARY**

Date/Time Analyzed: 09/27/2012

Instrument ID: GC-Y

Data File: Y2056.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOw		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.29	3.21	3.35	1658832	1512110	8.84
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2108593	10.24
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	2732300	13.98
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1462547	2.48
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2230587	9.26
Aroclor-1260	8.34	7.43	9.23	5968930	5670898	4.99
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2038875	11.36
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	6422672	1.78
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3391356	9.20
Aroclor-1260 {5}	11.03	10.12	11.92	1355022	1414532	4.39
Average %D						7.65

Data File: Y2056.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOw		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.78	3.71	3.85	473344	469954	0.72
Aroclor-1016 {2}	4.38	4.30	4.44	943803	921131	2.40
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2110118	1.56
Aroclor-1016 {4}	5.34	5.26	5.40	893712	801138	10.36
Aroclor-1016 {5}	5.51	5.44	5.58	682289	700110	2.61
Aroclor-1260	7.87	6.97	8.77	721544	713240	1.15
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1055908	1.28
Aroclor-1260 {3}	9.71	8.81	10.61	864031	944471	9.31
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2098039	9.07
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1593784	15.49
Average %D						5.39

**PCB RETENTION TIME SHIFT SUMMARY**

**Instrument ID:** GC-R

**Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

<b>TCMX 1</b>	<b><u>3.49</u></b>	<b>DCB 1</b>	<b><u>13.10</u></b>	<b>TCMX 2</b>	<b><u>3.40</u></b>	<b>DCB 2</b>	<b><u>13.15</u></b>
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<b>Client ID</b>	<b>Sample ID</b>	<b>Lab</b>	<b>Date Analyzed</b>	<b>Time Analyzed</b>	<b>TCMX 1 RT #</b>	<b>DCB 1 RT #</b>	<b>TCMX 2 RT #</b>	<b>DCB 2 RT #</b>
PCB	BLKS120921-02	09/21/2012	17:41	3.49	13.10	3.40	13.15	
GG-35_(4.0	09301-003	09/21/2012	18:33	3.50	13.10	3.40	13.15	
GG-35_(5.0	09301-004	09/21/2012	18:50	3.50	13.10	3.40	13.15	
Y-32_(0-2.	09301-005	09/21/2012	19:08	0.00	D	0.00	D	0.00
Y-32_(4.0-	09301-007	09/21/2012	19:42	3.50	13.10	3.40	13.15	
Y-32_(5.0-	09301-008	09/21/2012	20:00	3.50	13.10	3.40	13.15	
Y-31_(0-2.	09301-009	09/21/2012	20:17	0.00	D	0.00	D	0.00
Y-31_(2.0-	09301-010	09/21/2012	20:34	3.50	13.10	3.40	13.15	
Y-31_(4.0-	09301-011	09/21/2012	20:52	3.50	13.10	3.40	13.15	
Y-31_(5.0-	09301-012	09/21/2012	21:09	3.50	13.10	3.40	13.15	
Y-30_(0-1.	09301-013	09/21/2012	21:27	0.00	D	0.00	D	0.00
Y-30_(2.0-	09301-015	09/21/2012	22:01	3.50	13.10	3.40	13.15	
Y-30_(5.0-	09301-017	09/21/2012	22:36	3.50	13.10	3.40	13.15	
Z-30_(0-2.	09301-018	09/21/2012	22:53	3.50	13.10	3.40	13.15	
Z-30_(2.0-	09301-019	09/21/2012	23:11	3.50	13.10	3.40	13.15	
Z-30_(4.0-	09301-020	09/21/2012	23:28	3.50	13.10	3.40	13.15	
PCB	09301-020MS	09/21/2012	23:46	3.50	13.10	3.40	13.15	
PCB	09301-020MSD	09/22/2012	00:03	3.50	13.10	3.40	13.15	
PCB	LCSS120921-02	09/22/2012	00:20	3.50	13.10	3.40	13.15	
GG-35_(0-2	09301-001	09/24/2012	15:54	0.00	D	0.00	D	0.00
GG-35_(2.0	09301-002	09/24/2012	16:12	3.47	13.10	3.38	13.15	
Y-32_(2.0-	09301-006	09/24/2012	16:29	3.47	13.13	3.40	13.18	
Y-30_(1.0-	09301-014	09/24/2012	16:47	3.47	13.10	3.40	13.18	
Y-30_(4.0-	09301-016	09/24/2012	17:04	3.50	13.10	3.41	13.16	

Surrogate QC Limits

**TCMX = Tetrachloro-m-xylene** ( ± 0.10 Minutes )

**DCB = Decachlorobiphenyl** ( ± 0.10 Minutes )

# Column to be used to flag recovery values

\* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

## PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-R

Column: DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1	<u>3.48</u>	DCB 1	<u>13.11</u>	TCMX 2	<u>3.39</u>	DCB 2	<u>13.16</u>
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Client ID	Sample ID	Lab	Date Analyzed	Time Analyzed	TCMX 1 RT #	DCB 1 RT #	TCMX 2 RT #	DCB 2 RT #
PCB	BLKA120920-06	09/25/2012	17:41	3.48	13.11	3.39	13.16	
MW-20	09292-001	09/25/2012	17:58	3.49	13.10	3.40		13.15
MW-20D	09292-002	09/25/2012	18:16	3.49	13.10	3.40		13.15
MW-21	09292-003	09/25/2012	18:33	3.50	13.10	3.40		13.15
MW-21D	09292-004	09/25/2012	18:51	3.49	13.10	3.40		13.15
MW-22	09292-005	09/25/2012	19:08	3.50	13.10	3.40		13.15
MW-22D	09292-006	09/25/2012	19:25	3.49	13.10	3.40		13.15
MW-23	09292-007	09/25/2012	19:43	3.49	13.10	3.40		13.15
MW-23D	09292-008	09/25/2012	20:00	3.49	13.10	3.40		13.15
FB	09292-009	09/25/2012	20:18	3.50	13.10	3.40		13.15
FB-42	09301-049	09/25/2012	20:35	3.50	13.10	3.40		13.15
PCB	09292-001MS	09/25/2012	20:52	3.50	13.10	3.40		13.15
PCB	09292-001MSD	09/25/2012	21:10	3.50	13.10	3.40		13.15
PCB	LCSA120920-06	09/25/2012	21:27	3.50	13.10	3.41		13.15

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

(  $\pm$  0.10 Minutes )

DCB = Decachlorobiphenyl

(  $\pm$  0.10 Minutes )

# Column to be used to flag recovery values

\* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

# PCB RETENTION TIME SHIFT SUMMARY

**Instrument ID:** GC-Y

**Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1	<u>2.82</u>	DCB 1	<u>12.11</u>	TCMX 2	<u>2.91</u>	DCB 2	<u>12.48</u>
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Client ID	Sample ID	Lab	Date Analyzed	Time Analyzed	TCMX 1 RT #	DCB 1 RT #	TCMX 2 RT #	DCB 2 RT #
PCB	BLKS120924-11		09/25/2012	19:16	2.82	12.11	2.91	12.48
Z-30_(5.0-	09301-021		09/25/2012	19:33	0.00 D	0.00 D	0.00 D	0.00 D
Z-30_(6.0-	09301-022		09/25/2012	19:51	2.83	12.11	2.91	12.48
Z-31_(0.2-	09301-023		09/25/2012	20:08	2.83	12.10	2.91	12.48
Z-31_(2.0-	09301-024		09/25/2012	20:25	2.83	12.11	2.91	12.48
Z-31_(4.0-	09301-025		09/25/2012	20:42	2.83	12.11	2.91	12.48
Z-31_(5.5-	09301-026		09/25/2012	20:59	2.83	12.11	2.91	12.48
Z-31_(5.25	09301-027		09/25/2012	21:17	2.82	12.11	2.91	12.48
W-40_(6.5-	09301-028		09/25/2012	21:34	2.82	12.11	2.91	12.48
W-40_(7.0-	09301-029		09/25/2012	21:51	2.83	12.11	2.91	12.48
W-40_(8.0-	09301-030		09/25/2012	22:08	2.83	12.11	2.91	12.48
W-40_(9.0-	09301-031		09/25/2012	22:25	2.82	12.11	2.91	12.48
U-38_(8.0-	09301-032		09/25/2012	22:42	2.83	12.11	2.91	12.48
U-38_(6.0-	09301-033		09/25/2012	23:00	2.82	12.11	2.91	12.48
U-38_(7.0-	09301-034		09/25/2012	23:17	2.83	12.11	2.91	12.48
T-35_(4.0-	09301-038		09/26/2012	00:26	2.82	12.11	2.91	12.48
T-35_(5.0-	09301-039		09/26/2012	00:43	2.83	12.11	2.91	12.48
U-35_(0.2-	09301-040		09/26/2012	01:00	0.00 D	0.00 D	0.00 D	0.00 D
PCB	09301-040MS		09/26/2012	01:17	0.00 D	0.00 D	0.00 D	0.00 D
PCB	09301-040MSD		09/26/2012	01:34	0.00 D	0.00 D	0.00 D	0.00 D
PCB	LCSS120924-11		09/26/2012	01:52	2.83	12.11	2.91	12.48
T-35_(0.1-	09301-035		09/26/2012	17:48	0.00 D	0.00 D	0.00 D	0.00 D
T-35_(1.0-	09301-036		09/26/2012	18:06	2.83	12.11	2.91	12.48
T-35_(2.0-	09301-037		09/26/2012	18:23	2.83	12.11	2.91	12.49

Surrogate QC Limits

**TCMX = Tetrachloro-m-xylene**

(  $\pm$  0.10 Minutes )

**DCB = Decachlorobiphenyl**

(  $\pm$  0.10 Minutes )

# Column to be used to flag recovery values

\* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

## PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-Y

Column: DB-5/DB-1701P

Surrogate RT from initial calibration :

	TCMX 1	<u>2.83</u>	DCB 1	<u>12.11</u>	TCMX 2	<u>2.91</u>	DCB 2	<u>12.48</u>
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Client ID	Sample ID	Lab	Date Analyzed	Time Analyzed	TCMX 1 RT #	DCB 1 RT #	TCMX 2 RT #	DCB 2 RT #
PCB	BLKS120924-12		09/27/2012	13:46	2.83	12.11	2.91	12.48
U-35_(2.0-	09301-041		09/27/2012	14:03	2.82	12.11	2.91	12.48
U-35_(4.0-	09301-042		09/27/2012	14:20	2.83	12.11	2.91	12.48
U-35_(5.25	09301-043		09/27/2012	14:38	2.82	12.11	2.91	12.48
Z-32_(0-2.	09301-044		09/27/2012	15:19	0.00 D	0.00 D	0.00 D	0.00 D
Z-32_(2.0-	09301-045		09/27/2012	15:36	2.83	12.11	2.91	12.48
Z-32_(4.0-	09301-046		09/27/2012	15:53	2.82	12.11	2.91	12.48
Z-32_(5.0-	09301-047		09/27/2012	16:10	2.83	12.11	2.91	12.48
Z-32_(5.5-	09301-048		09/27/2012	16:28	2.83	12.11	2.91	12.48
WCB-17	09360-001		09/27/2012	16:45	2.83	12.11	2.91	12.48
PCB	09360-001MS		09/27/2012	17:02	2.83	12.10	2.91	12.48
PCB	09360-001MSD		09/27/2012	17:19	2.82	12.10	2.91	12.48
PCB	LCSS120924-12		09/27/2012	17:37	2.83	12.11	2.91	12.48

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene ( ± 0.10 Minutes )

DCB = Decachlorobiphenyl ( ± 0.10 Minutes )

# Column to be used to flag recovery values

\* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

**PCB SAMPLE DATA**

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## Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-24-12\  
 Data File : R3974.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 24 Sep 2012 15:54  
 Operator : YG  
 Sample : GG-35 (0-2,09301-001,S,5.23g,33.5,09/21/12,4  
 Misc : 120921-02,09/13/12,09/13/12,100  
 ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 26 13:12:07 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Mon Sep 17 13:03:51 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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## System Monitoring Compounds

## Target Compounds

Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
23) L6 Aroclor-1248	5.31	5.70	569.0E6	724.0E6	74.468	120.472	#
24) L6 Aroclor-1248 {2}	5.87	6.30	738.7E6	2041.3E6	176.514	242.306	#
25) L6 Aroclor-1248 {3}	6.20	6.70	941.9E6	1439.8E6	223.217	224.423	
26) L6 Aroclor-1248 {4}	6.93	6.86	4535.0E6	1332.7E6	525.506	246.820	#
27) L6 Aroclor-1248 {5}	7.21	7.21	2920.7E6	980.9E6	415.132	315.652	
Sum Aroclor-1248			9705.2E6	6518.7E6	1414.836	1149.674	
Average Aroclor-1248					282.967	229.935	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
Sum Aroclor-1260			0	0	N.D.	N.D.	
Average Aroclor-1260					0.000	0.000	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

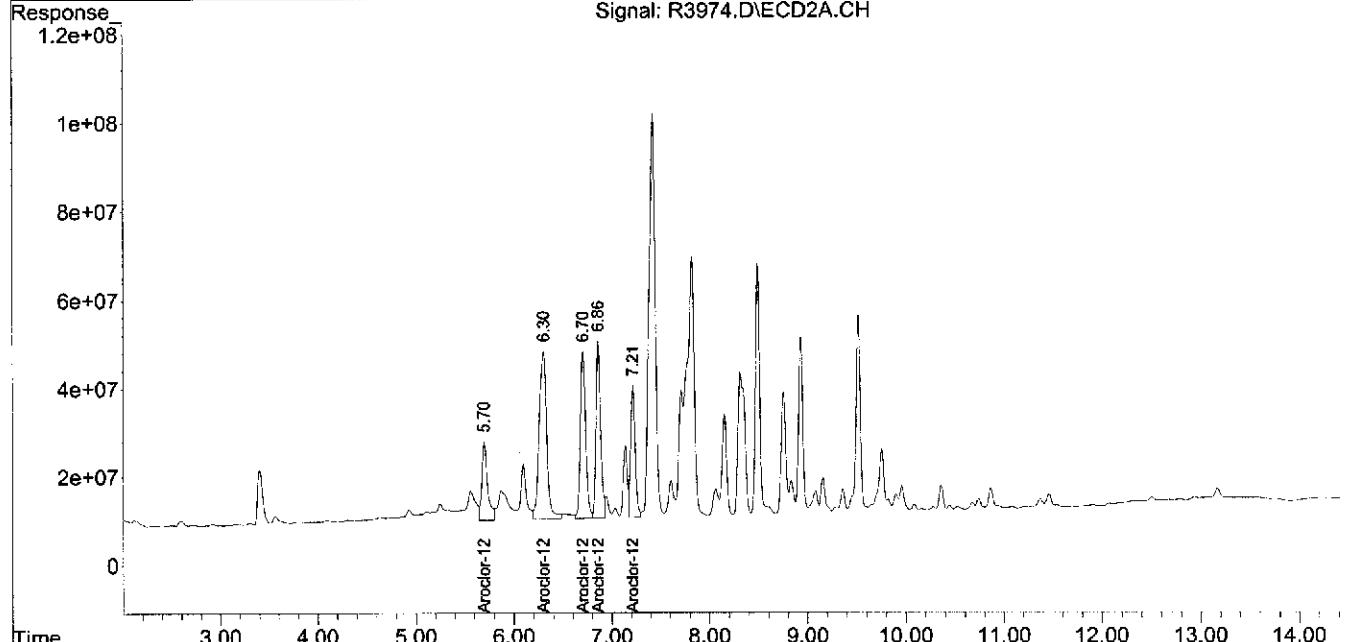
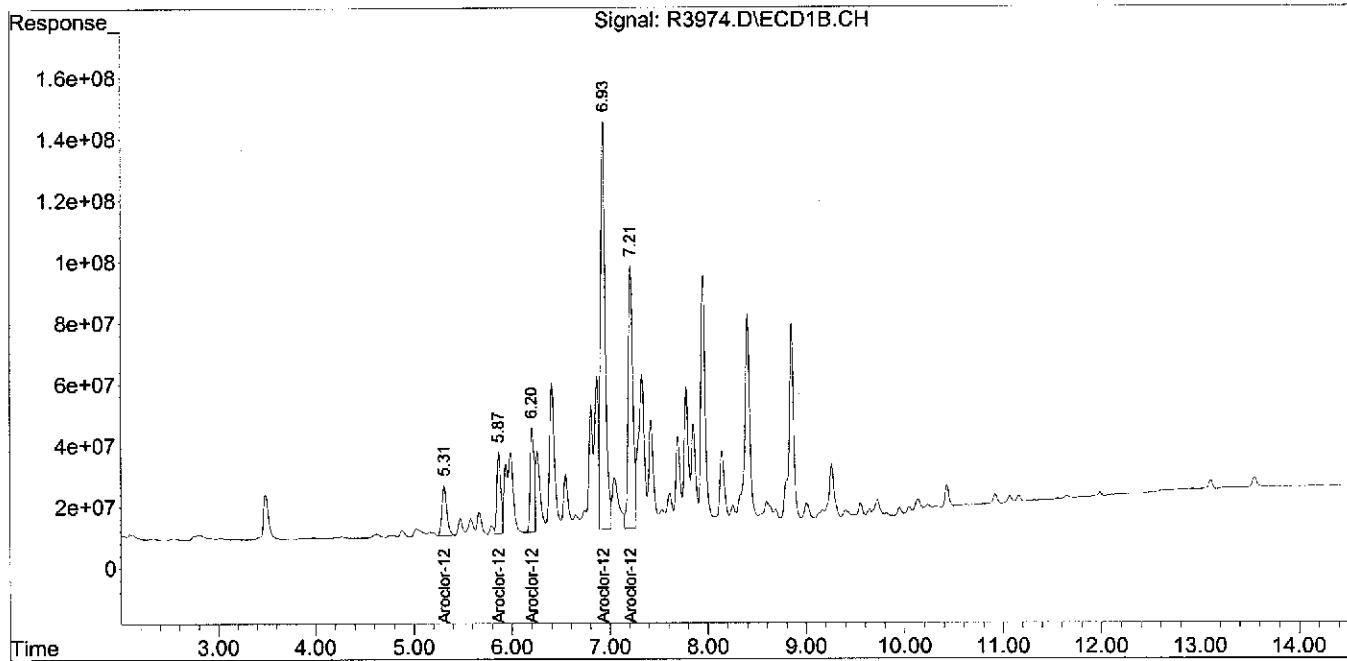
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-24-12\  
Data File : R3974.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 24 Sep 2012 15:54  
Operator : YG  
Sample : GG-35\_(0-2,09301-001,S,5.23g,33.5,09/21/12,4  
Misc : 120921-02,09/13/12,09/13/12,100  
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 26 13:12:07 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Mon Sep 17 13:03:51 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-24-12\  
 Data File : R3975.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 24 Sep 2012 16:12  
 Operator : YG  
 Sample : GG-35\_(2.0,09301-002,S,5.15g,31.6,09/21/12,4  
 Misc : 120921-02,09/13/12,09/13/12,10  
 ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 26 13:13:31 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Mon Sep 17 13:03:51 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
1) S	TCMX	3.47	3.38	4596.9E6	4399.1E6	30.386m	31.413
	Spiked Amount	200.000			Recovery	=	15.19%
2) S	DCB	13.10	13.15	1214.5E6	805.7E6	23.522m	27.629m
	Spiked Amount	200.000			Recovery	=	11.76%
<hr/>							
Target Compounds							
	Sum Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
	Sum Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
	Sum Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
	Sum Aroclor-1242			0	0	N.D.	N.D.
Average	Aroclor-1242					0.000	0.000
23) L6	Aroclor-1248	5.30	5.68	14927.1E6	11663.8E6	1953.541m	1940.716m
24) L6	Aroclor-1248 {2}	5.86	6.28	4794.6E6	15587.1E6	1145.729	1850.174 #
25) L6	Aroclor-1248 {3}	6.20	6.68	6628.2E6	8988.8E6	1570.768	1401.087
26) L6	Aroclor-1248 {4}	6.92	6.84	11697.7E6	6918.0E6	1355.520	1281.278
27) L6	Aroclor-1248 {5}	7.21	7.20	7570.8E6	3510.1E6	1076.074	1129.582
	Sum Aroclor-1248			45618.4E6	46667.6E6	7101.632	7602.836
Average	Aroclor-1248					1420.326	1520.567
	Sum Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
	Sum Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
	Sum Aroclor-1262			0	0	N.D.	N.D.
Average	Aroclor-1262					0.000	0.000
	Sum Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000
<hr/>							

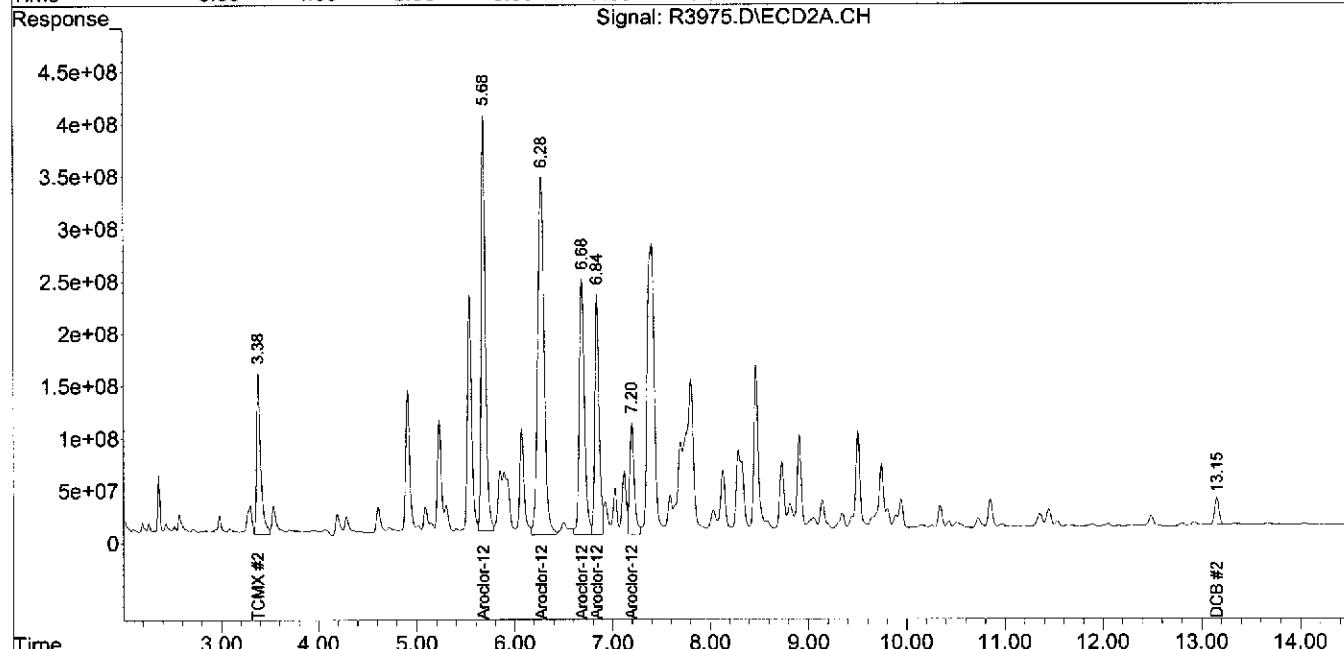
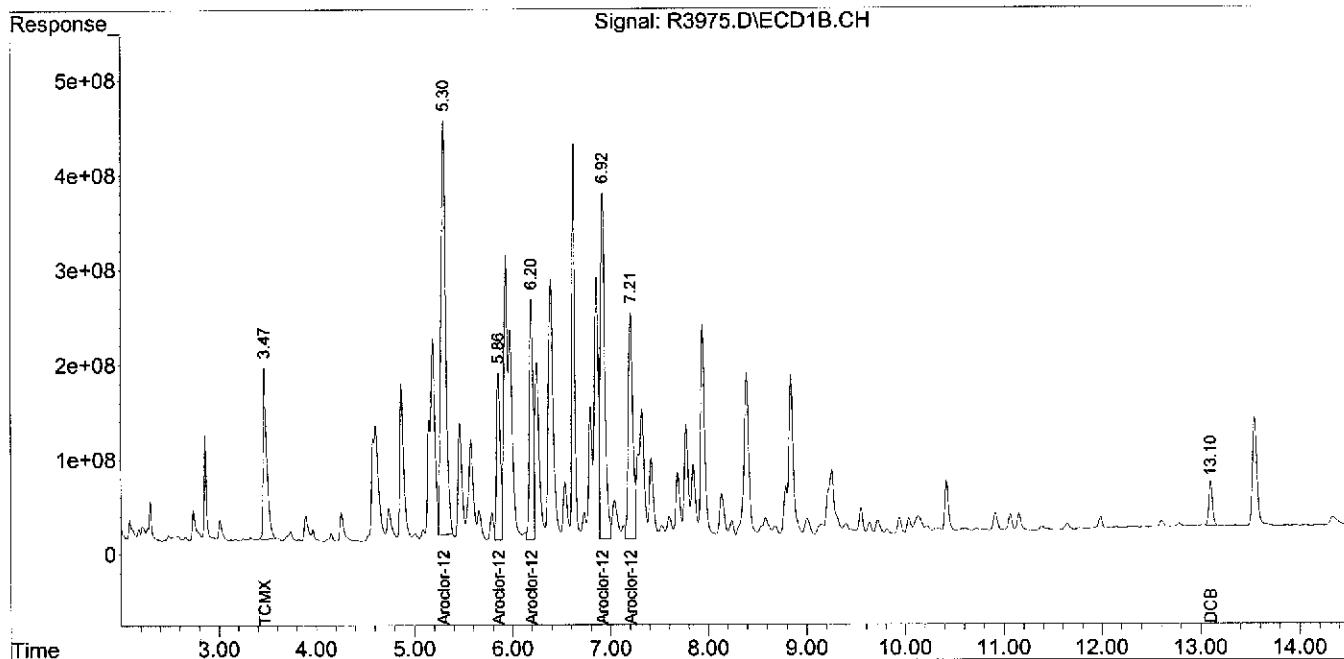
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-24-12\  
Data File : R3975.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 24 Sep 2012 16:12  
Operator : YG  
Sample : GG-35 (2.0,09301-002,S,5.15g,31.6,09/21/12,4  
Misc : 120921-02,09/13/12,09/13/12,10  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 26 13:13:31 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Mon Sep 17 13:03:51 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
 Data File : R3951.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 21 Sep 2012 18:33  
 Operator : YG  
 Sample : GG-35 (4.0,09301-003,S,5.15g,78.0,09/21/12,4  
 Misc : 120921-02,09/13/12,09/13/12,1  
 ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 24 11:11:34 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Mon Sep 17 13:03:51 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.50	3.40	31716.3E6	35152.8E6	209.648	251.018
Spiked Amount	200.000				Recovery =	104.82% 125.51%
2) S DCB	13.10	13.15	8305.4E6	5575.1E6	160.860m	191.191m
Spiked Amount	200.000				Recovery =	80.43% 95.60%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

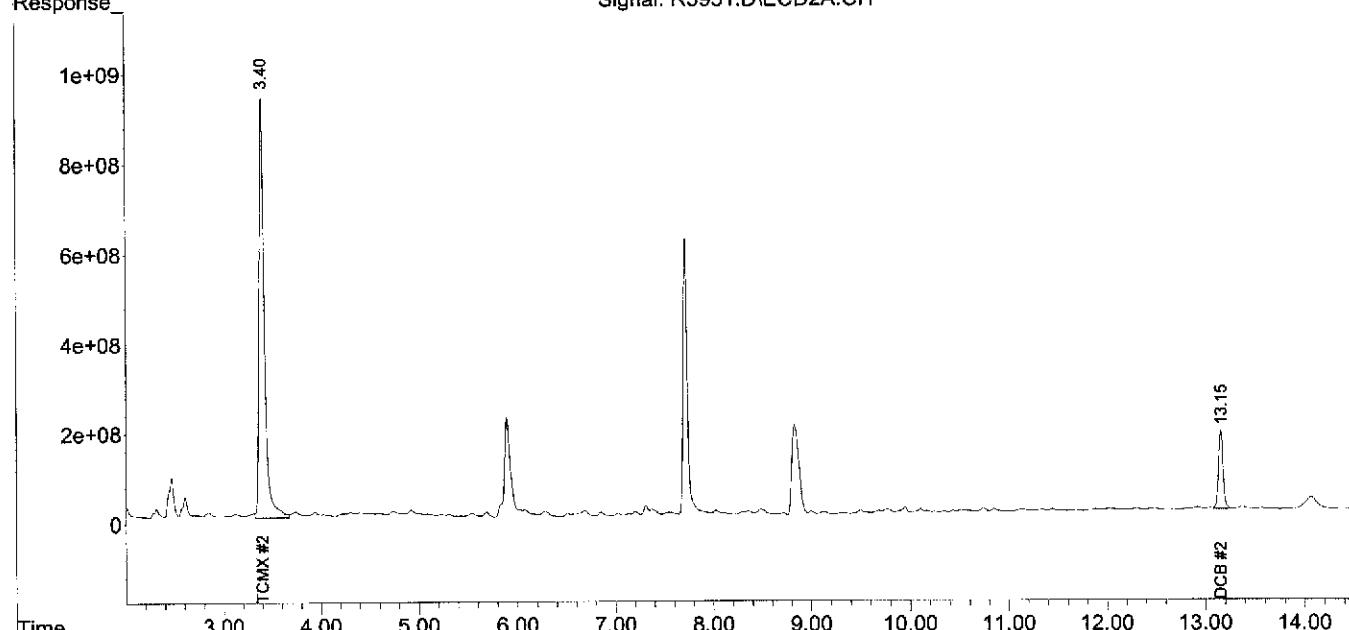
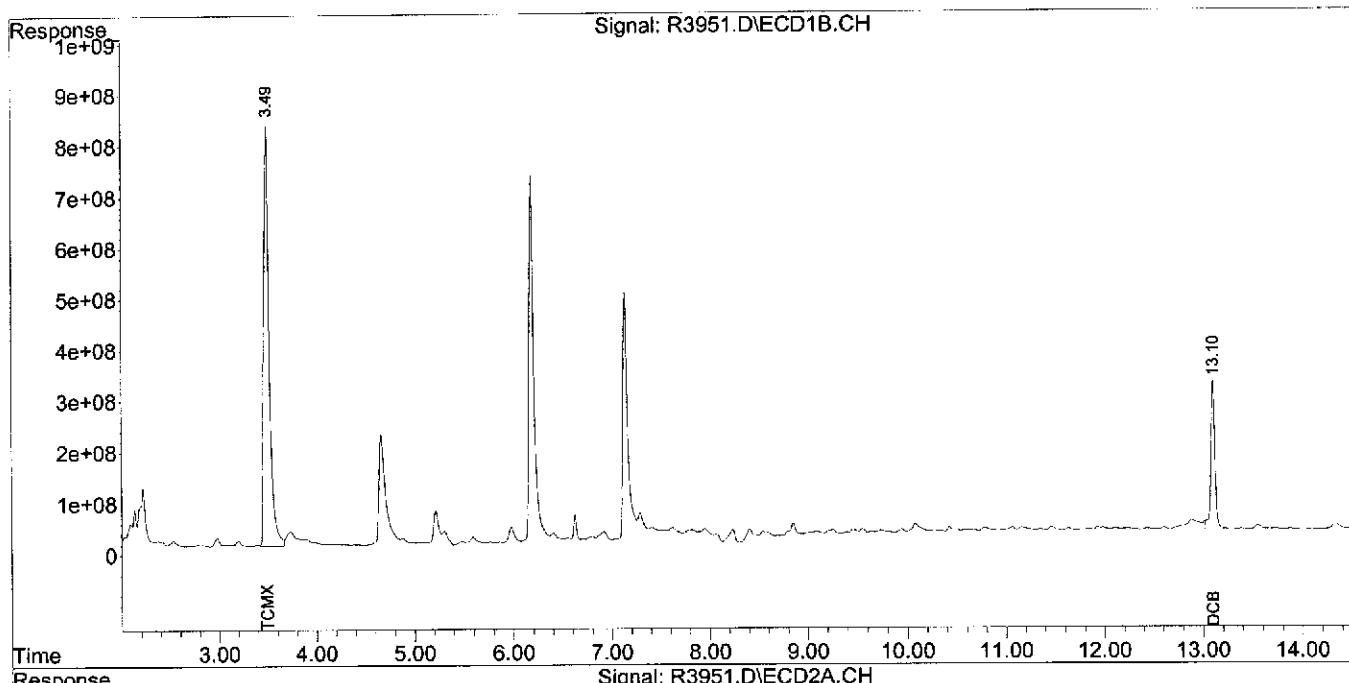
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
Data File : R3951.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 21 Sep 2012 18:33  
Operator : YG  
Sample : GG-35\_(4.0,09301-003,S,5.15g,78.0,09/21/12,4  
Misc : 120921-02,09/13/12,09/13/12,1  
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 24 11:11:34 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Mon Sep 17 13:03:51 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
 Data File : R3952.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 21 Sep 2012 18:50  
 Operator : YG  
 Sample : GG-35\_(5.0,09301-004,S,5.73g,23.2,09/21/12,4  
 Misc : 120921-02,09/13/12,09/13/12,1  
 ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 24 11:12:59 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Mon Sep 17 13:03:51 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.50	3.40	39312.9E6	32268.6E6	259.862	230.422
Spiked Amount	200.000			Recovery	= 129.93%	115.21%
2) S DCB	13.10	13.15	7438.0E6	6156.9E6	144.058	211.143 #
Spiked Amount	200.000			Recovery	= 72.03%	105.57%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.69	781.7E6	552.4E6	102.304	91.917
24) L6 Aroclor-1248 {2}	5.87	6.28	247.3E6	739.1E6	59.096	87.725 #
25) L6 Aroclor-1248 {3}	0.00	6.69	0	493.6E6	N.D. d	76.939 #
26) L6 Aroclor-1248 {4}	6.93	6.84	369.4E6	386.8E6	42.809	71.637 #
27) L6 Aroclor-1248 {5}	7.21	7.20	385.9E6	149.7E6	54.843	48.170
Sum Aroclor-1248			1784.3E6	2321.6E6	259.052	376.388
Average Aroclor-1248					64.763	75.278
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

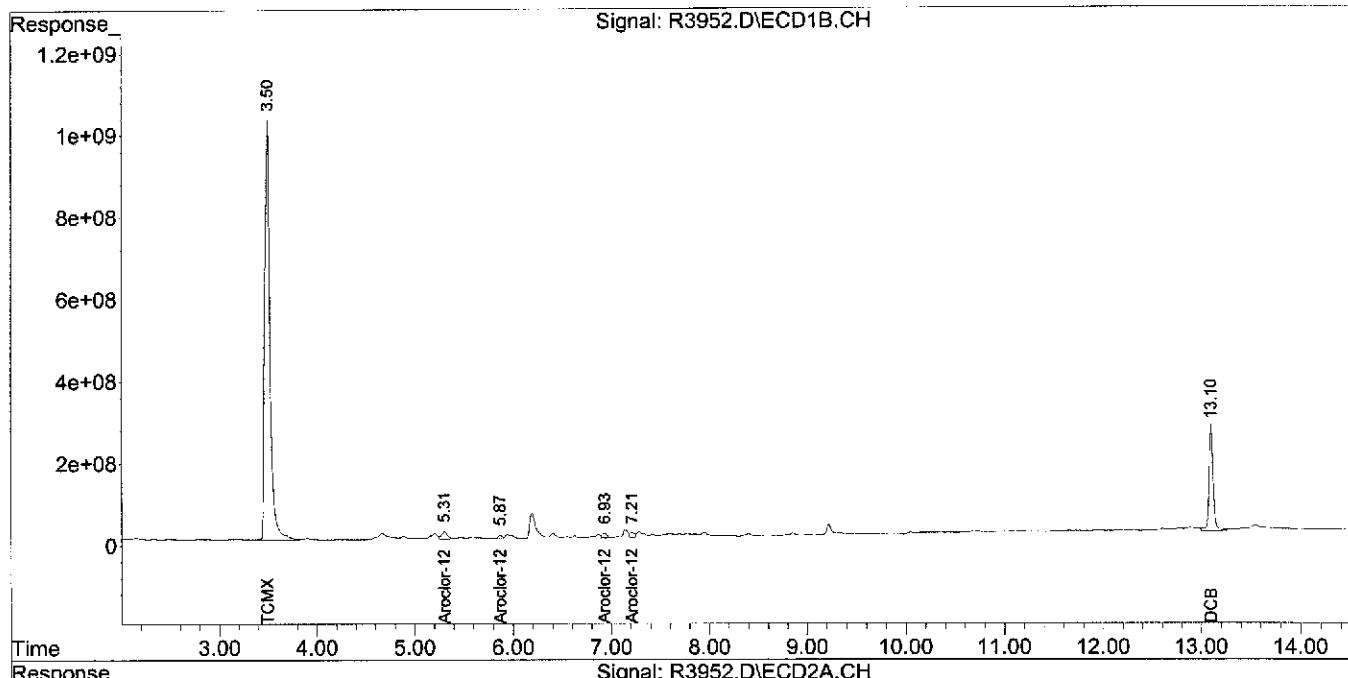
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
Data File : R3952.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 21 Sep 2012 18:50  
Operator : YG  
Sample : GG-35 (5.0,09301-004,S,5.73g,23.2,09/21/12,4  
Misc : 120921-02,09/13/12,09/13/12,1  
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 24 11:12:59 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Mon Sep 17 13:03:51 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
 Data File : R3953.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 21 Sep 2012 19:08  
 Operator : YG  
 Sample : Y-32\_(0-2.,09301-005,S,5.20g,10.7,09/21/12,4  
 Misc : 120921-02,09/13/12,09/13/12,100  
 ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 24 11:14:19 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Mon Sep 17 13:03:51 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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## System Monitoring Compounds

## Target Compounds

Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.30	5.68	651.7E6	491.2E6	85.295	81.737
24) L6 Aroclor-1248 {2}	5.86	6.27	297.5E6	573.4E6	71.103	68.066
25) L6 Aroclor-1248 {3}	6.20	6.68	387.0E6	409.7E6	91.701	63.858 #
26) L6 Aroclor-1248 {4}	6.92	6.84	755.3E6	328.7E6	87.524	60.876 #
27) L6 Aroclor-1248 {5}	7.21	7.19	521.4E6	228.6E6	74.114	73.583
Sum Aroclor-1248			2613.0E6	2031.7E6	409.736	348.120
Average Aroclor-1248					81.947	69.624
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.25	8.73	731.8E6	357.5E6	61.845m	68.233m
34) L8 Aroclor-1260 {2}	9.94	9.13	477.6E6	408.5E6	73.273m	69.350m
35) L8 Aroclor-1260 {3}	10.42	10.34	1385.6E6	331.3E6	72.902m	78.572m
36) L8 Aroclor-1260 {4}	10.91	10.84	546.0E6	819.9E6	58.674m	92.517m#
37) L8 Aroclor-1260 {5}	11.98	11.44	354.8E6	471.9E6	75.593m	79.909m
Sum Aroclor-1260			3495.7E6	2389.2E6	342.288	388.581
Average Aroclor-1260					68.458	77.716
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

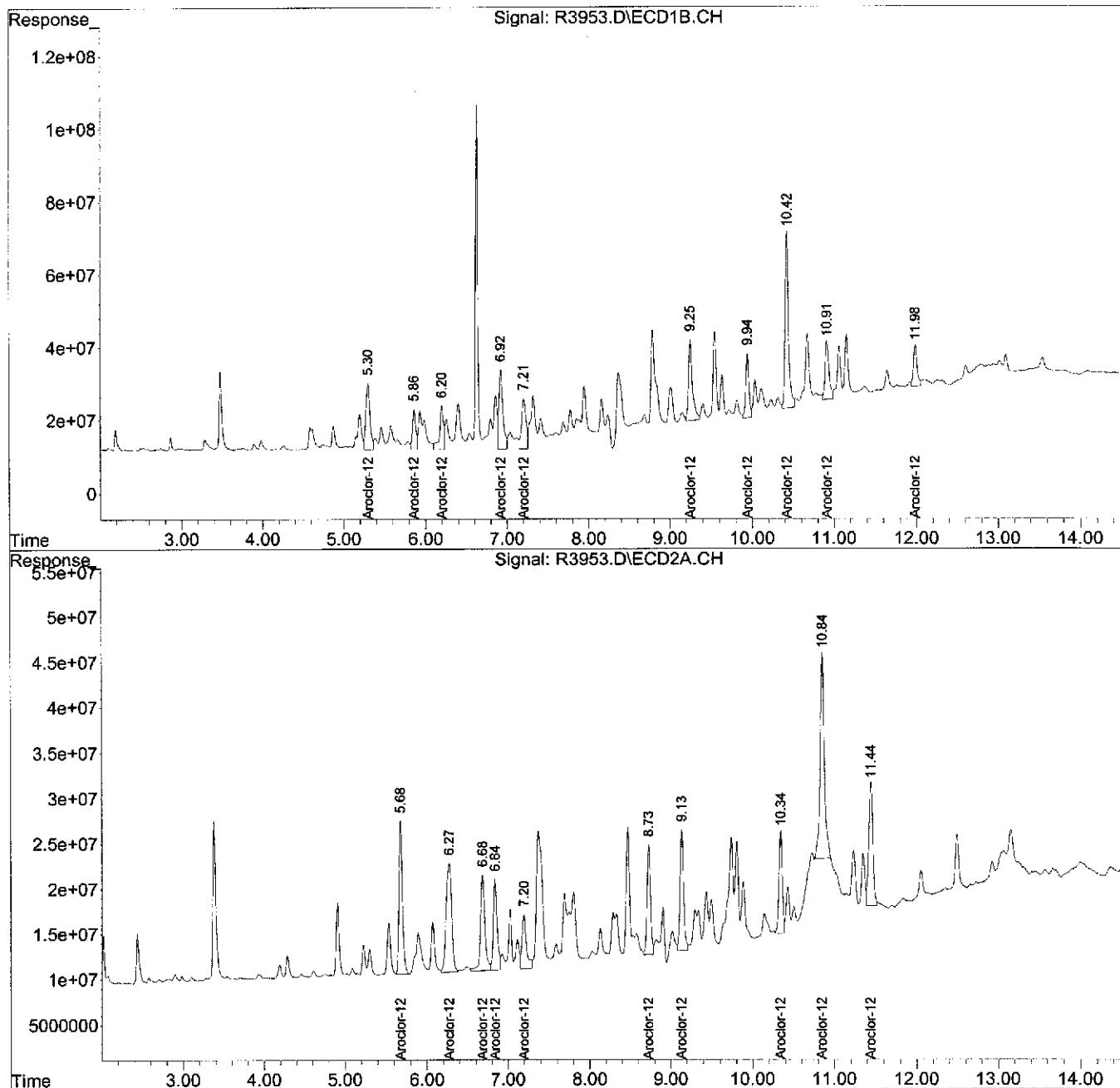
(f)=RT Delta &gt; 1/2 Window (#)=Amounts differ by &gt; 25% (m)=manual int.

## Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
Data File : R3953.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 21 Sep 2012 19:08  
Operator : YG  
Sample : Y-32\_(0-2.,09301-005,S,5.20g,10.7,09/21/12,4  
Misc : 120921-02,09/13/12,09/13/12,100  
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 24 11:14:19 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Mon Sep 17 13:03:51 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-24-12\  
 Data File : R3976.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 24 Sep 2012 16:29  
 Operator : YG  
 Sample : Y-32\_(2.0-,09301-006,S,5.71g,29.0,09/21/12,4  
 Misc : 120921-02,09/13/12,09/13/12,1  
 ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 26 13:15:51 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Mon Sep 17 13:03:51 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.47	3.40	47687.9E6	16950.1E6	315.221m	121.036m#
Spiked Amount	200.000				Recovery	= 157.61%
2) S DCB	13.13	13.18	12136.7E6	3973.6E6	235.063m	136.270m#
Spiked Amount	200.000				Recovery	= 117.53%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

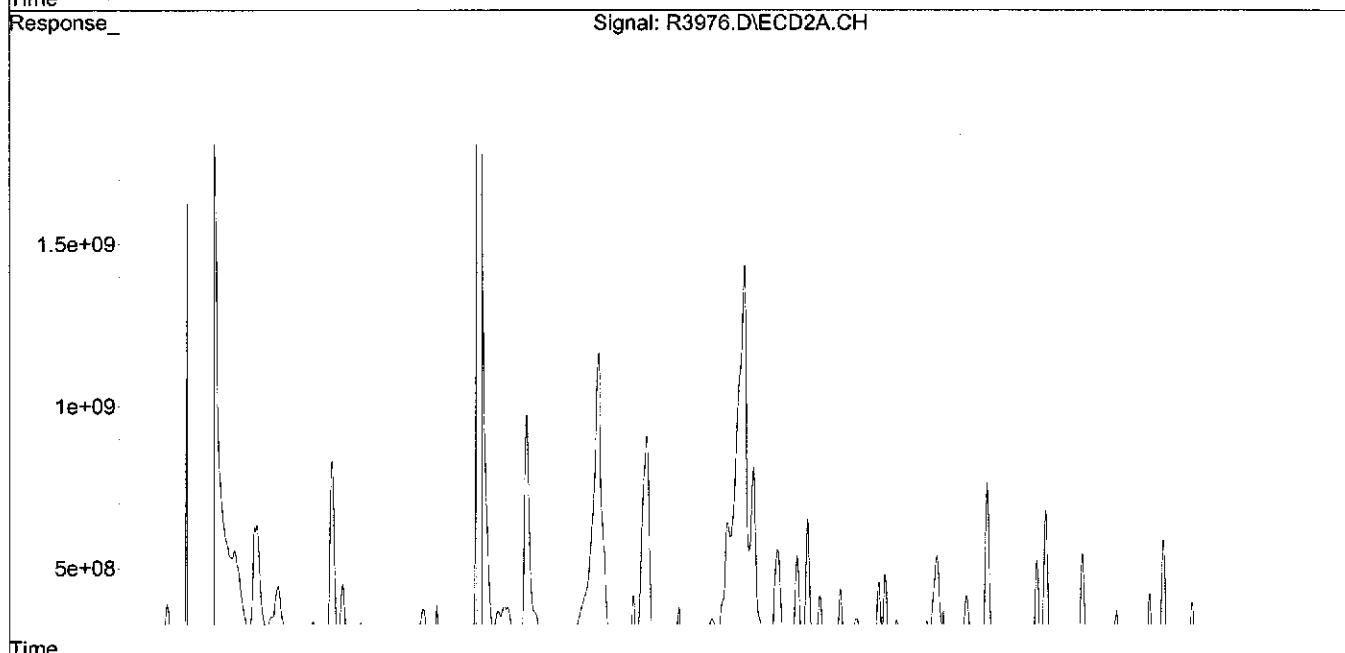
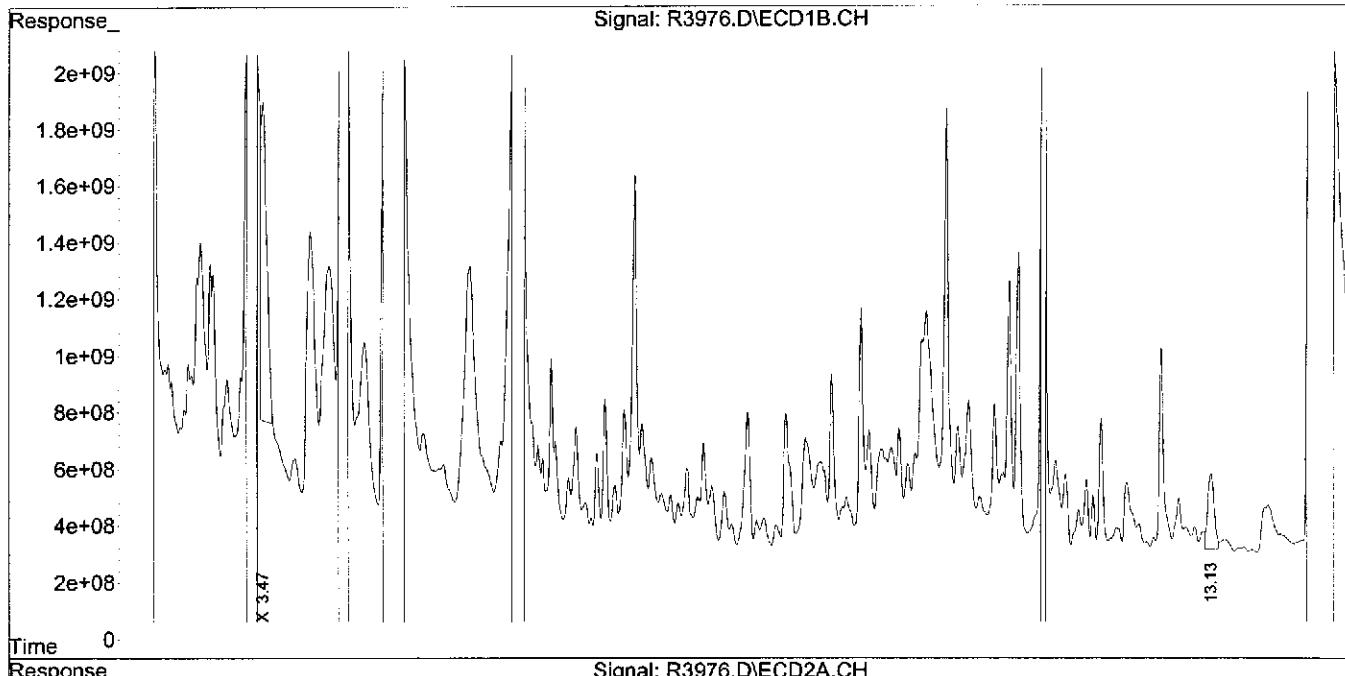
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

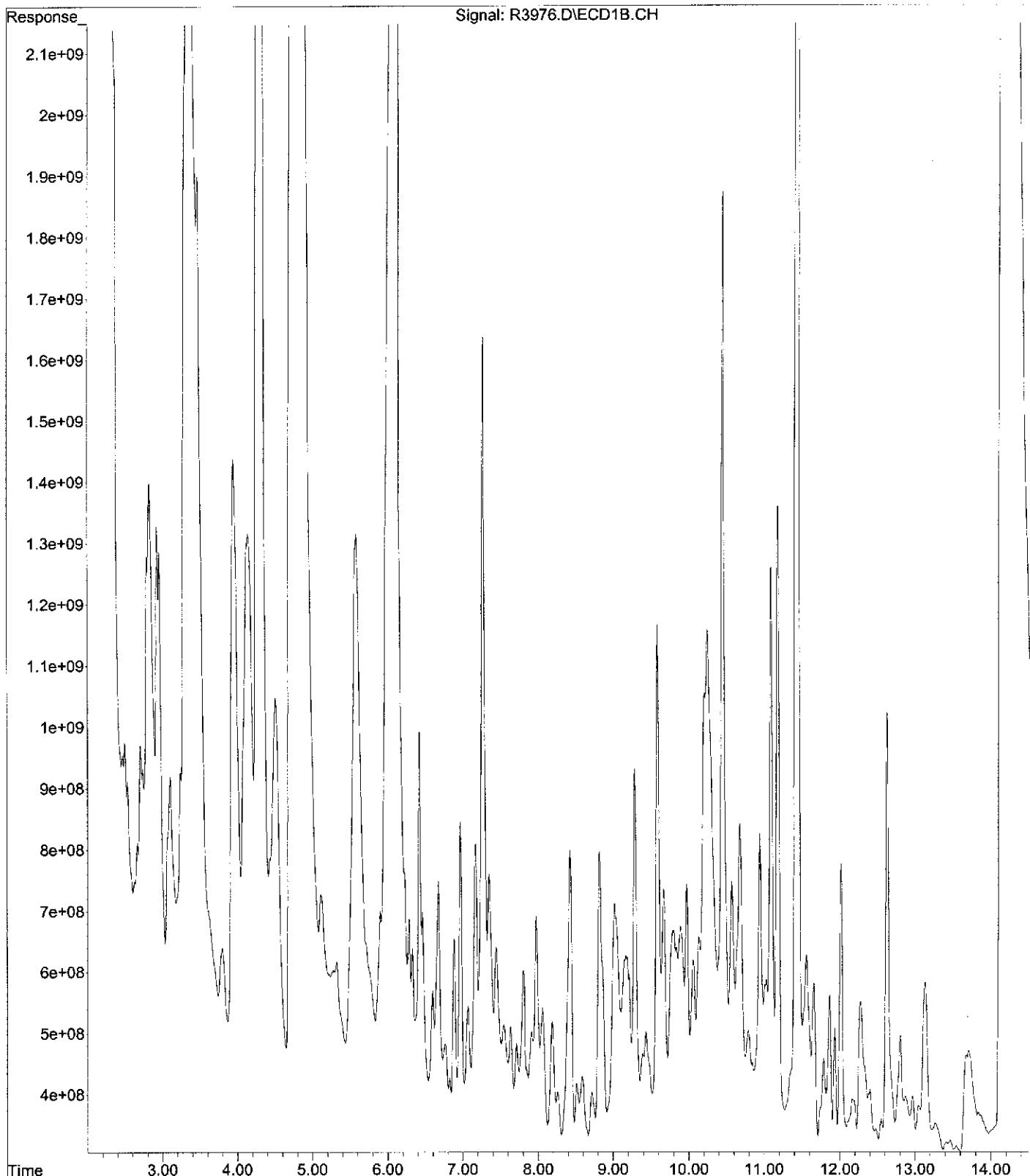
Data Path : C:\MSDCHEM\1\DATA\09-24-12\  
Data File : R3976.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 24 Sep 2012 16:29  
Operator : YG  
Sample : Y-32\_(2.0-,09301-006,S,5.71g,29.0,09/21/12,4  
Misc : 120921-02,09/13/12,09/13/12,1  
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 26 13:15:51 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Mon Sep 17 13:03:51 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

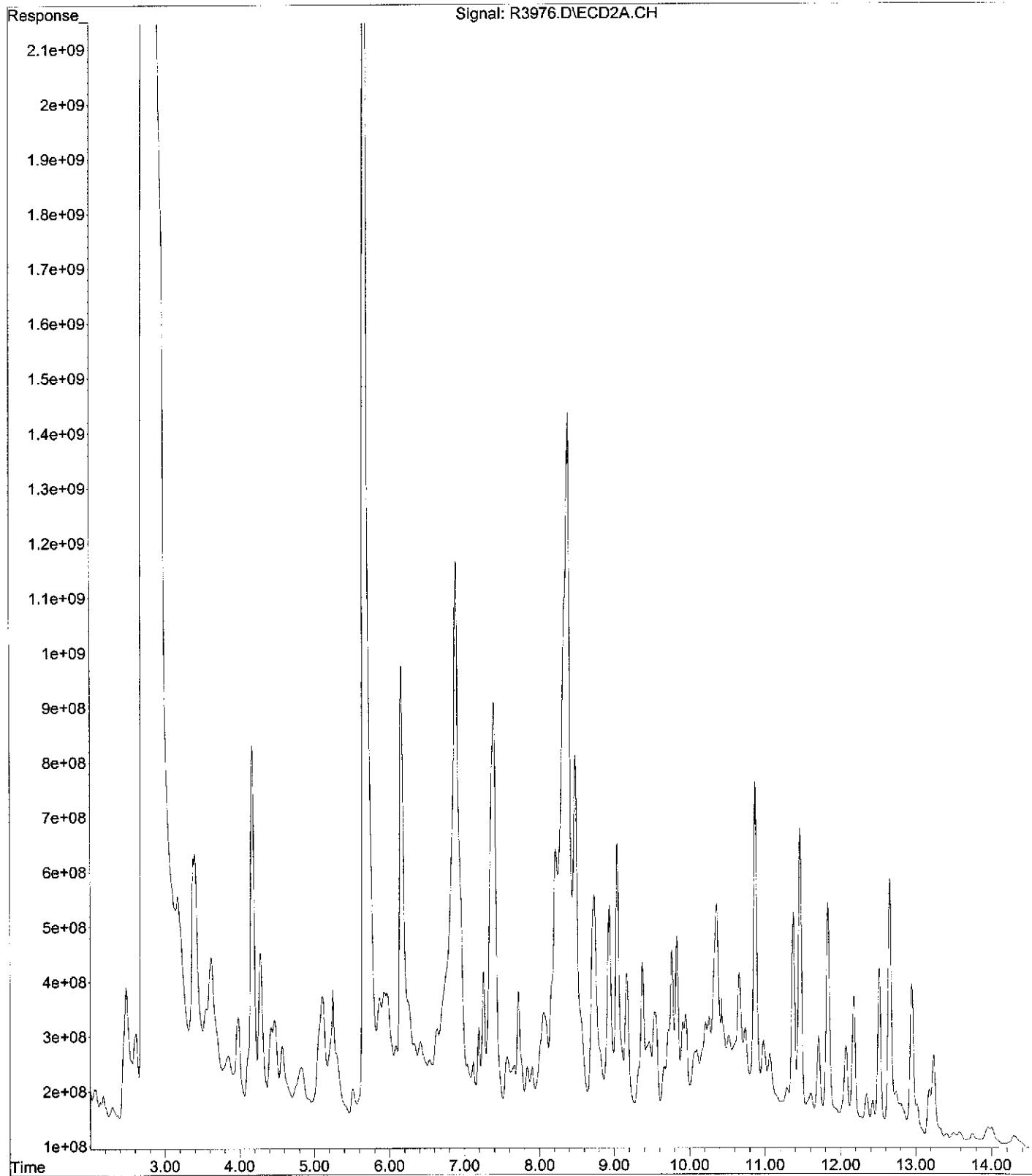
Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



File : C:\MSDChem\1\DATA\09-24-12\R3976.D  
Operator : YG  
Acquired : 24 Sep 2012 16:29 using AcqMethod RPCB0830.M  
Instrument : GC\_R  
Sample Name: Y-32\_(2.0-,09301-006,S,5.71g,29.0,09/21/12,4  
Misc Info : 120921-02,09/13/12,09/13/12,1  
Vial Number: 4



File : C:\MSDCHEM\1\DATA\09-24-12\R3976.D  
Operator : YG  
Acquired : 24 Sep 2012 16:29 using AcqMethod RPCB0830.M  
Instrument : GC\_R  
Sample Name: Y-32\_(2.0-,09301-006,S,5.71g,29.0,09/21/12,4  
Misc Info : 120921-02,09/13/12,09/13/12,1  
Vial Number: 4



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
 Data File : R3955.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 21 Sep 2012 19:42  
 Operator : YG  
 Sample : Y-32\_(4.0-,09301-007,S,5.39g,80.7,09/21/12,4  
 Misc : 120921-02,09/13/12,09/13/12,1  
 ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 24 12:10:33 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Mon Sep 17 13:03:51 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
1) S	TCMX	3.50	3.40	31494.9E6	31904.4E6	208.184	227.821
	Spiked Amount	200.000			Recovery =	104.09%	113.91%
<hr/>							
2) S	DCB	13.10	13.15	10118.9E6	5824.0E6	195.983m	199.726
	Spiked Amount	200.000			Recovery =	97.99%	99.86%
<hr/>							
Target Compounds							
	Sum Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
	Sum Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
	Sum Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
	Sum Aroclor-1242			0	0	N.D.	N.D.
Average	Aroclor-1242					0.000	0.000
	Sum Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000
	Sum Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
	Sum Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
	Sum Aroclor-1262			0	0	N.D.	N.D.
Average	Aroclor-1262					0.000	0.000
	Sum Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000
<hr/>							

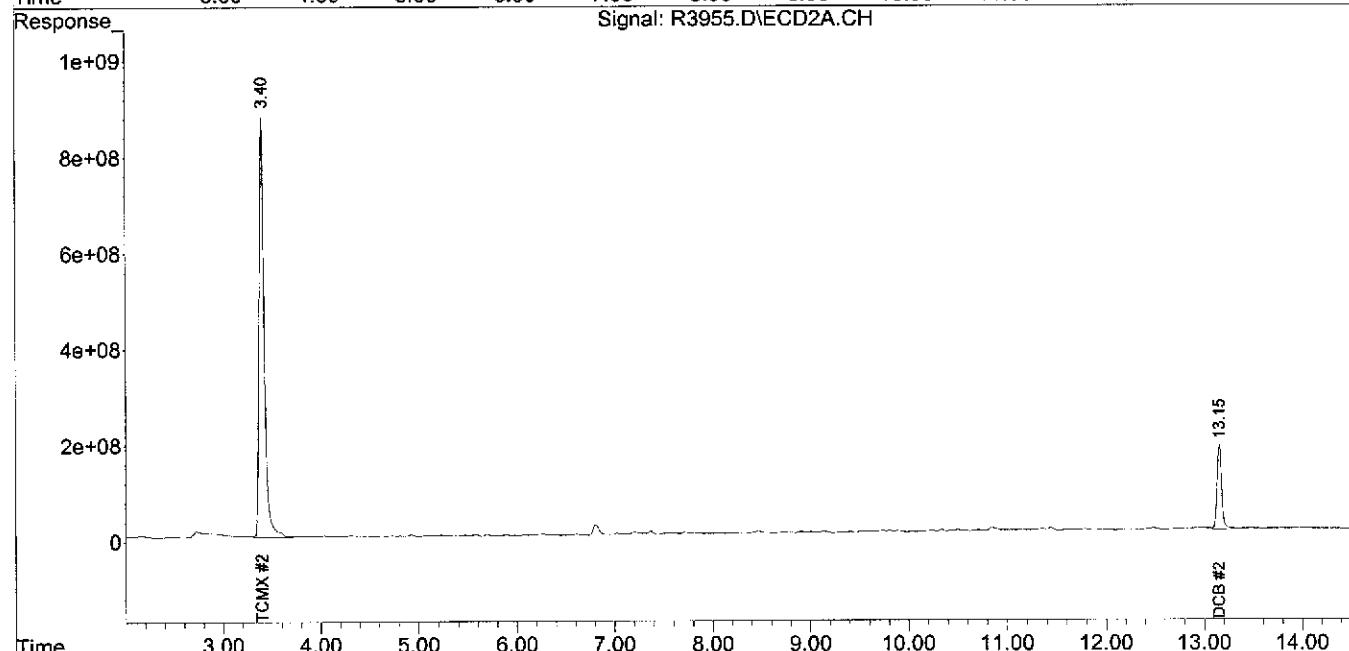
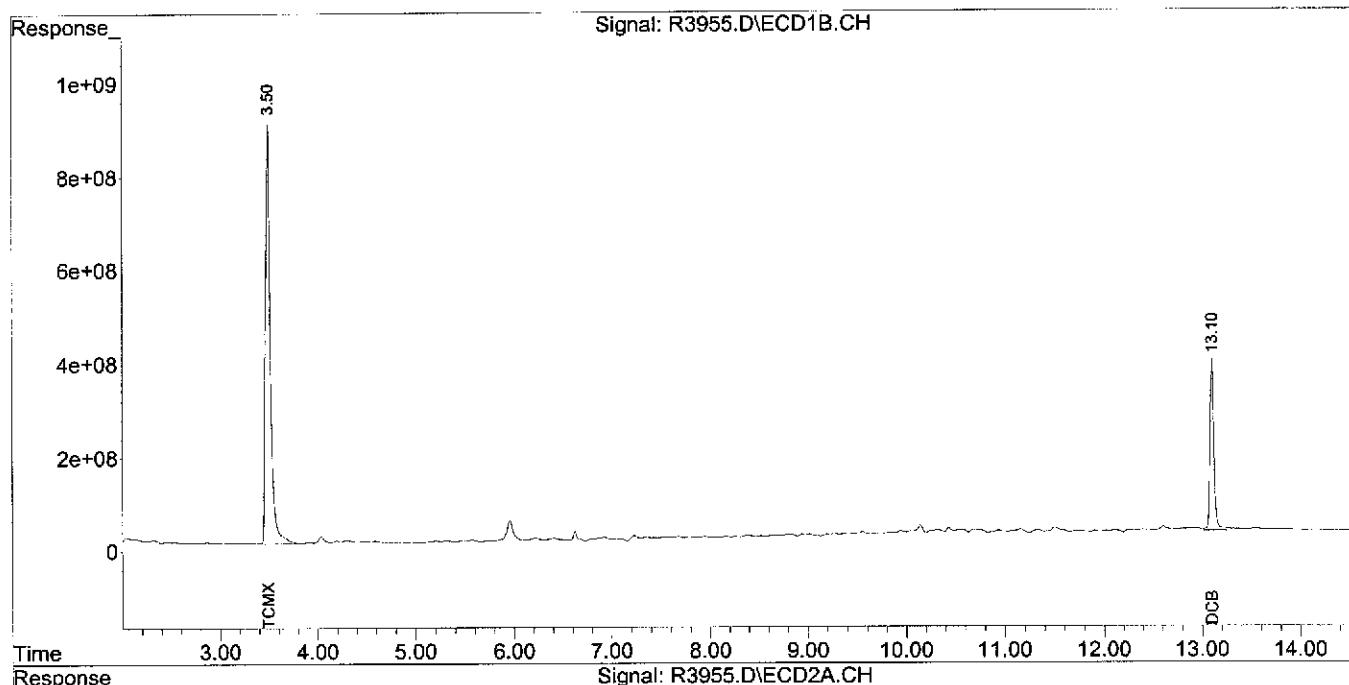
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
Data File : R3955.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 21 Sep 2012 19:42  
Operator : YG  
Sample : Y-32\_(4.0-,09301-007,S,5.39g,80.7,09/21/12,4  
Misc : 120921-02,09/13/12,09/13/12,1  
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 24 12:10:33 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Mon Sep 17 13:03:51 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
 Data File : R3956.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 21 Sep 2012 20:00  
 Operator : YG  
 Sample : Y-32\_(5.0-,09301-008,S,5.59g,22.1,09/21/12,4  
 Misc : 120921-02,09/13/12,09/13/12,1  
 ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 26 12:48:49 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Mon Sep 17 13:03:51 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase :  
 Signal #1 Info :

Signal #2 Phase:  
 Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
1) S	TCMX	3.50	3.40	37594.4E6	31846.8E6	248.502	227.410
	Spiked Amount	200.000			Recovery	= 124.25%	113.70%
2) S	DCB	13.10	13.15	7423.8E6	5111.9E6	143.783m	175.307m
	Spiked Amount	200.000			Recovery	= 71.89%	87.65%
<hr/>							
Target Compounds							
	Sum Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
	Sum Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
	Sum Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
	Sum Aroclor-1242			0	0	N.D.	N.D.
Average	Aroclor-1242					0.000	0.000
	Sum Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000
	Sum Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
	Sum Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
	Sum Aroclor-1262			0	0	N.D.	N.D.
Average	Aroclor-1262					0.000	0.000
	Sum Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000
<hr/>							

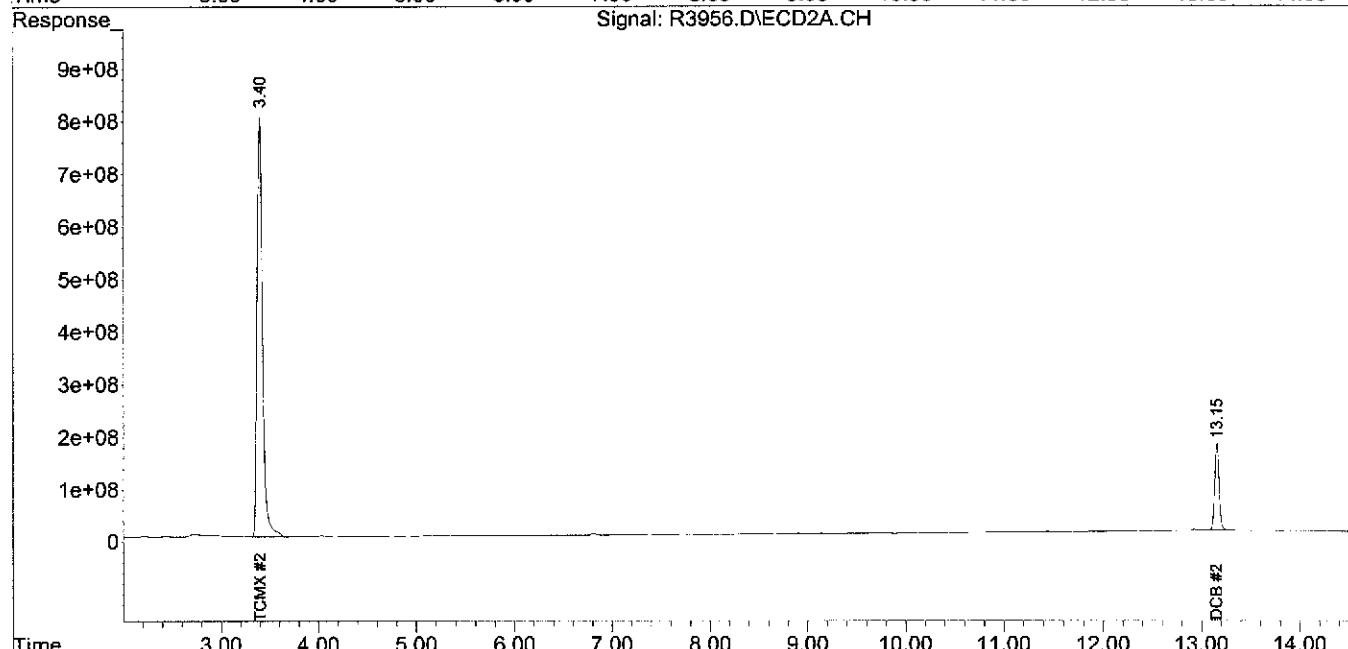
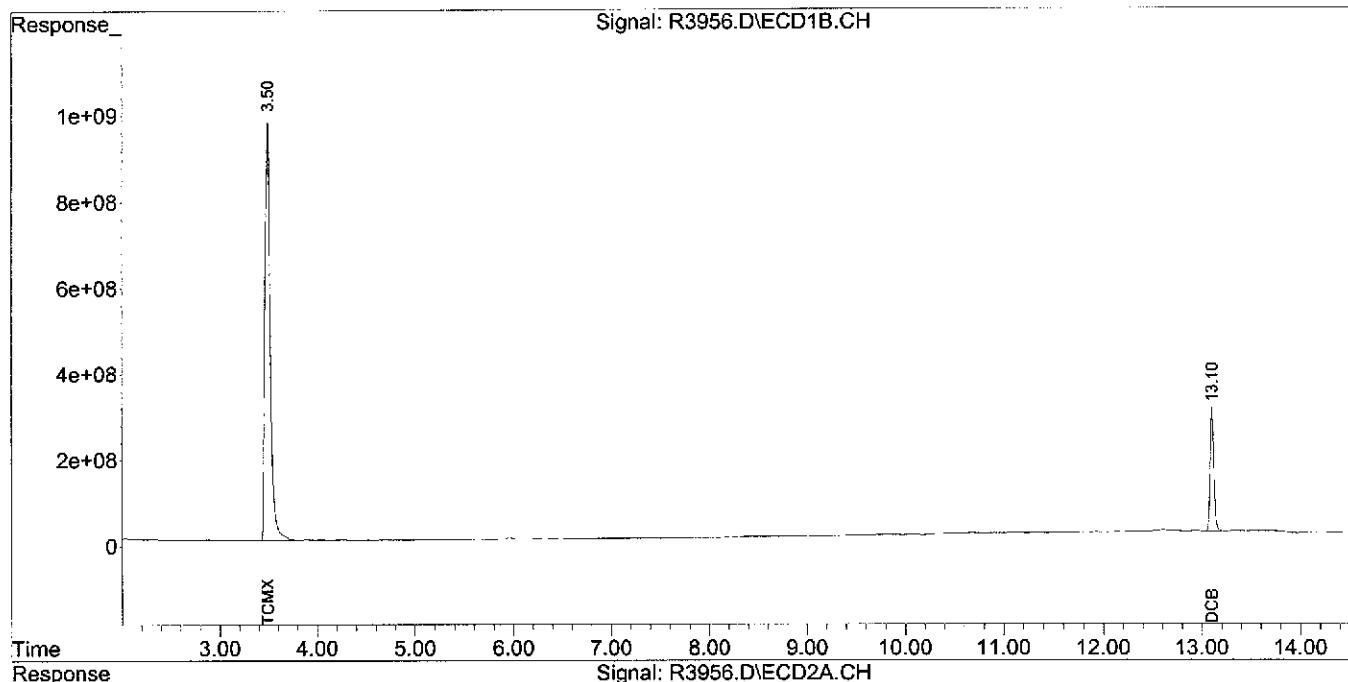
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
Data File : R3956.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 21 Sep 2012 20:00  
Operator : YG  
Sample : Y-32\_(5.0-,09301-008,S,5.59g,22.1,09/21/12,4  
Misc : 120921-02,09/13/12,09/13/12,1  
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 26 12:48:49 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Mon Sep 17 13:03:51 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
 Data File : R3957.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 21 Sep 2012 20:17  
 Operator : YG  
 Sample : Y-31\_(0-2.,09301-009,S,5.07g,24.9,09/21/12,4  
 Misc : 120921-02,09/13/12,09/13/12,100  
 ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 26 12:52:51 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Mon Sep 17 13:03:51 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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## System Monitoring Compounds

## Target Compounds

Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.30	5.68	93610322	103.5E6	12.251	17.214 #
24) L6 Aroclor-1248 {2}	5.86	6.26	127.7E6	310.8E6	30.509	36.891
25) L6 Aroclor-1248 {3}	6.20	6.68	131.2E6	205.5E6	31.094	32.028
26) L6 Aroclor-1248 {4}	6.93	6.84	443.8E6	172.9E6	51.426	32.026 #
27) L6 Aroclor-1248 {5}	7.21	7.19	237.5E6	138.3E6	33.755	44.520 #
Sum Aroclor-1248			1033.8E6	931.0E6	159.035	162.681
Average Aroclor-1248					31.807	32.536
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.26	8.73	579.6E6	397.2E6	48.983	75.798 #
34) L8 Aroclor-1260 {2}	9.94	9.14	338.4E6	437.0E6	51.924	74.173 #
35) L8 Aroclor-1260 {3}	10.42	10.34	1060.9E6	352.9E6	55.818	83.701 #
36) L8 Aroclor-1260 {4}	10.92	10.85	601.2E6	775.5E6	64.601	87.506 #
37) L8 Aroclor-1260 {5}	11.99	11.44	561.1E6	354.6E6	119.553	60.048 #
Sum Aroclor-1260			3141.2E6	2317.2E6	340.880	381.227
Average Aroclor-1260					68.176	76.245
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

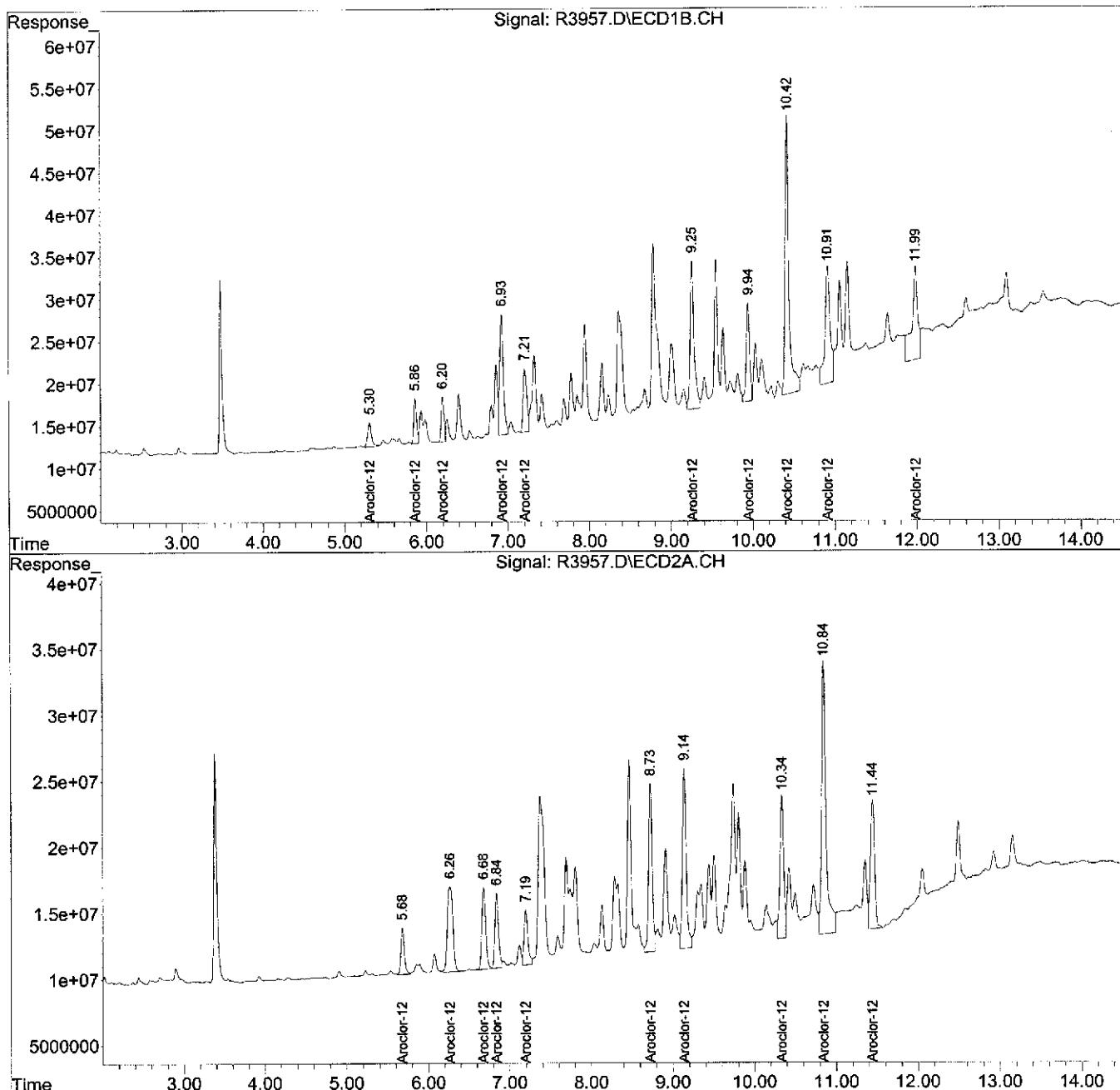
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
Data File : R3957.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 21 Sep 2012 20:17  
Operator : YG  
Sample : Y-31\_(0-2.,09301-009,S,5.07g,24.9,09/21/12,4  
Misc : 120921-02,09/13/12,09/13/12,100  
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 26 12:52:51 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Mon Sep 17 13:03:51 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
 Data File : R3958.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 21 Sep 2012 20:34  
 Operator : YG  
 Sample : Y-31\_(2.0-,09301-010,S,5.00g,80.8,09/21/12,4  
 Misc : 120921-02,09/13/12,09/13/12,1  
 ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 26 12:53:41 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Mon Sep 17 13:03:51 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.50	3.40	30340.8E6	30576.4E6	200.555	218.338
Spiked Amount	200.000		Recovery	=	100.28%	109.17%
2) S DCB	13.10	13.15	10677.0E6	6428.8E6	206.792m	220.467m
Spiked Amount	200.000		Recovery	=	103.40%	110.23%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

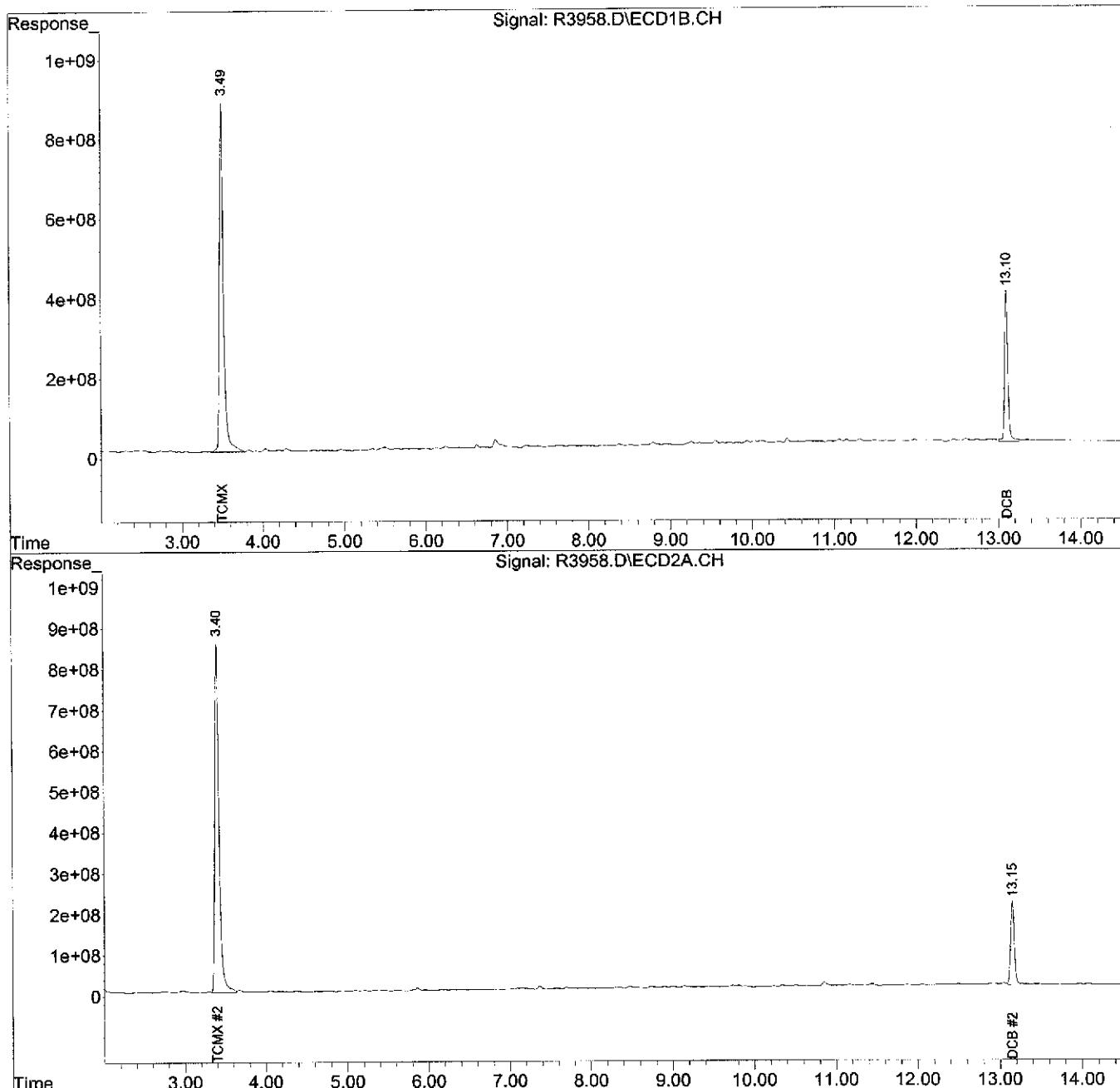
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
Data File : R3958.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 21 Sep 2012 20:34  
Operator : YG  
Sample : Y-31 (2.0-,09301-010,S,5.00g,80.8,09/21/12,4  
Misc : 120921-02,09/13/12,09/13/12,1  
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 26 12:53:41 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Mon Sep 17 13:03:51 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
 Data File : R3959.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 21 Sep 2012 20:52  
 Operator : YG  
 Sample : Y-31\_(4.0-,09301-011,S,5.39g,62.0,09/21/12,4  
 Misc : 120921-02,09/13/12,09/13/12,1  
 ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 26 12:54:02 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Mon Sep 17 13:03:51 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
	System Monitoring Compounds						
1) S	TCMX	3.50	3.40	33975.9E6	32018.1E6	224.584	228.634
	Spiked Amount	200.000			Recovery	= 112.29%	114.32%
2) S	DCB	13.10	13.15	9768.7E6	6279.0E6	189.200	215.331
	Spiked Amount	200.000			Recovery	= 94.60%	107.67%
<hr/>							
Target Compounds							
	Sum Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
	Sum Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
	Sum Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
	Sum Aroclor-1242			0	0	N.D.	N.D.
Average	Aroclor-1242					0.000	0.000
	Sum Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000
	Sum Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
	Sum Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
	Sum Aroclor-1262			0	0	N.D.	N.D.
Average	Aroclor-1262					0.000	0.000
	Sum Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000
<hr/>							

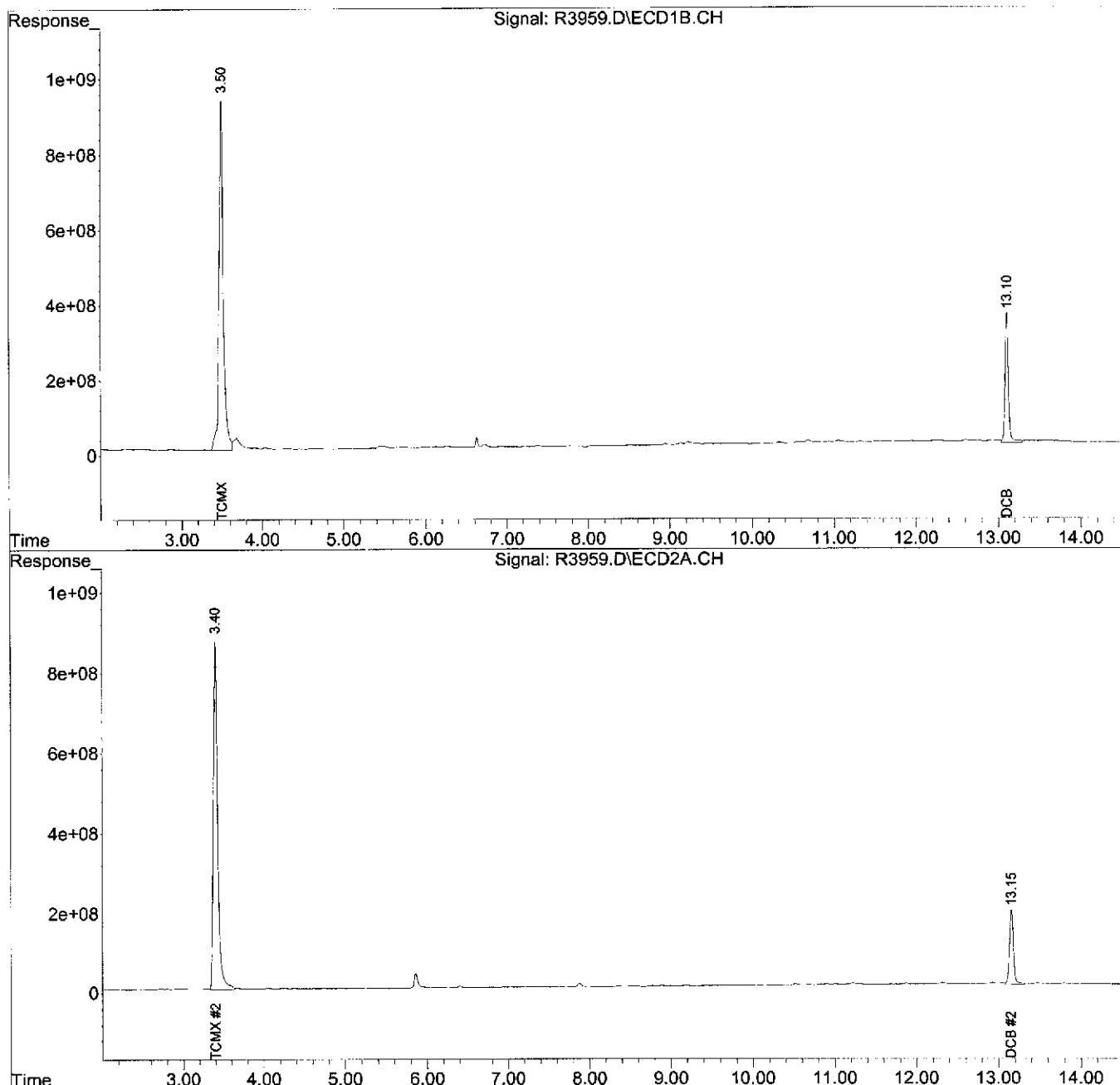
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
Data File : R3959.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 21 Sep 2012 20:52  
Operator : YG  
Sample : Y-31\_(4.0-,09301-011,S,5.39g,62.0,09/21/12,4  
Misc : 120921-02,09/13/12,09/13/12,1  
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 26 12:54:02 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Mon Sep 17 13:03:51 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
 Data File : R3960.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 21 Sep 2012 21:09  
 Operator : YG  
 Sample : Y-31\_(5.0-,09301-012,S,5.03g,22.7,09/21/12,4  
 Misc : 120921-02,09/13/12,09/13/12,1  
 ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 26 12:54:25 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Mon Sep 17 13:03:51 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.50	3.40	36460.1E6	31642.2E6	241.004	225.949
Spiked Amount	200.000		Recovery	=	120.50%	112.97%
2) S DCB	13.10	13.15	8655.1E6	5602.3E6	167.631	192.124
Spiked Amount	200.000		Recovery	=	83.82%	96.06%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

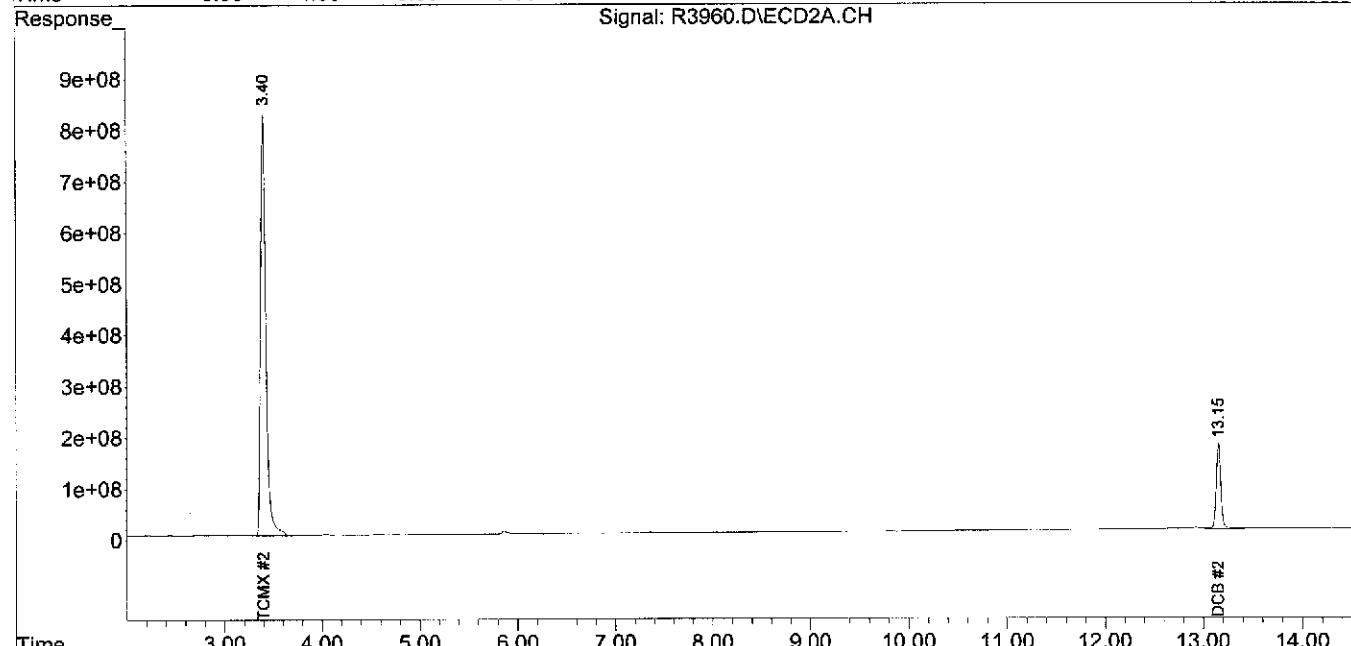
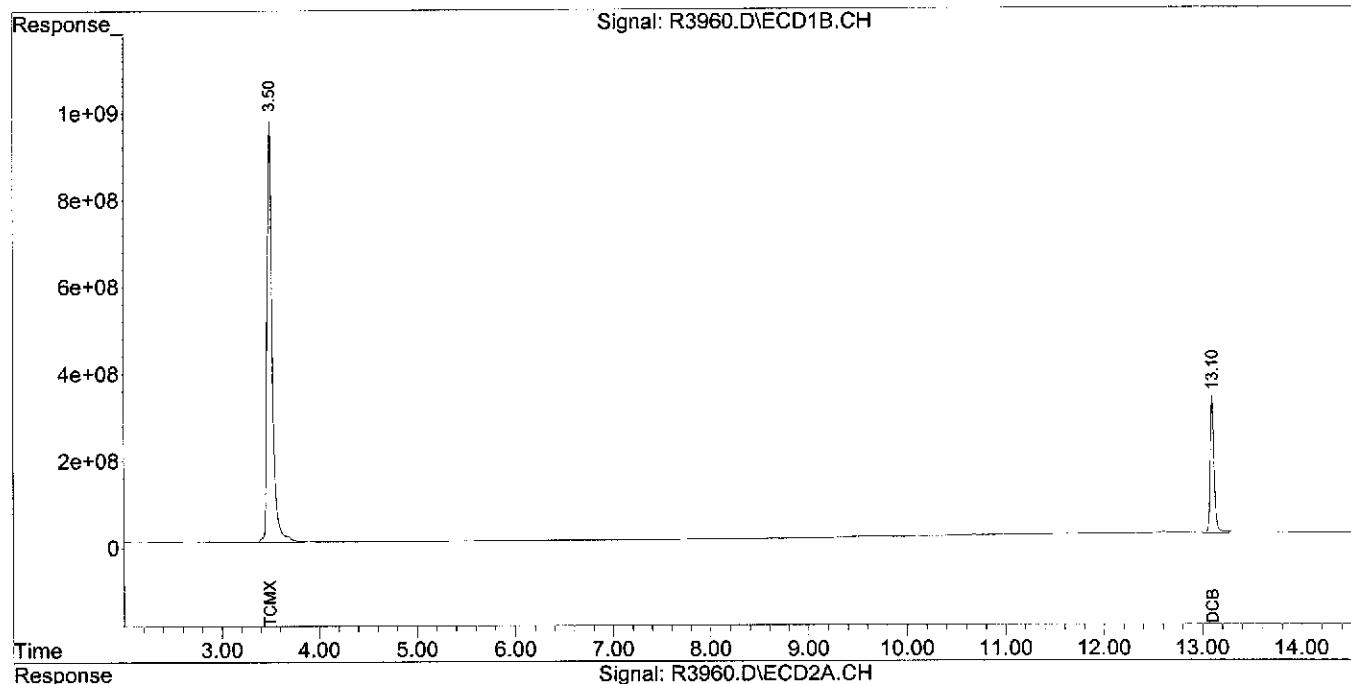
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
Data File : R3960.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 21 Sep 2012 21:09  
Operator : YG  
Sample : Y-31\_(5.0-,09301-012,S,5.03g,22.7,09/21/12,4  
Misc : 120921-02,09/13/12,09/13/12,1  
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 26 12:54:25 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Mon Sep 17 13:03:51 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
 Data File : R3961.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 21 Sep 2012 21:27  
 Operator : YG  
 Sample : Y-30\_(0-1.,09301-013,S,5.25g,25.8,09/21/12,4  
 Misc : 120921-02,09/13/12,09/13/12,100  
 ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 26 12:55:18 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Mon Sep 17 13:03:51 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.68	1659.6E6	1408.7E6	217.198	234.395
24) L6 Aroclor-1248 {2}	5.86	6.28	1850.2E6	4070.7E6	442.125	483.184
25) L6 Aroclor-1248 {3}	6.20	6.68	3634.7E6	2975.5E6	861.362	463.787 #
26) L6 Aroclor-1248 {4}	6.93	6.84	5338.6E6	2950.5E6	618.634	546.464
27) L6 Aroclor-1248 {5}	7.21	7.20	3717.0E6	1781.0E6	528.312	573.151
Sum Aroclor-1248			16200.1E6	13186.3E6	2667.630	2300.981
Average Aroclor-1248					533.526	460.196
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

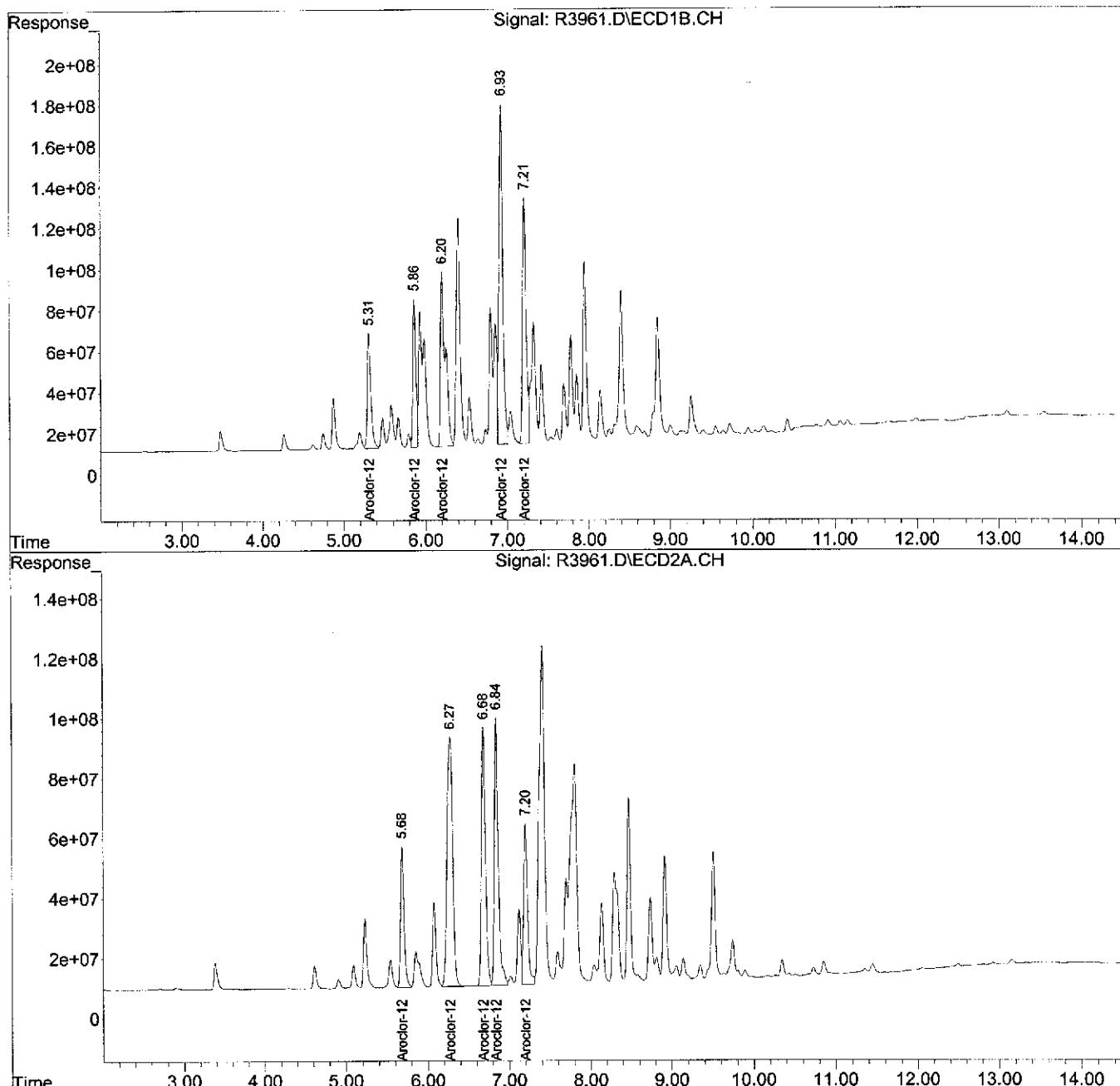
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
Data File : R3961.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 21 Sep 2012 21:27  
Operator : YG  
Sample : Y-30\_(0-1.,09301-013,S,5.25g,25.8,09/21/12,4  
Misc : 120921-02,09/13/12,09/13/12,100  
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 26 12:55:18 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Mon Sep 17 13:03:51 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-24-12\  
 Data File : R3977.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 24 Sep 2012 16:47  
 Operator : YG  
 Sample : Y-30\_(1.0-,09301-014,S,5.04g,14.4,09/21/12,4  
 Misc : 120921-02,09/13/12,09/13/12,1  
 ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 26 13:30:22 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Mon Sep 17 13:03:51 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.47	3.40	38799.7E6	10188.3E6	256.469m	72.752 #
Spiked Amount	200.000				Recovery =	128.23% 36.38%
2) S DCB	13.10	13.18	8425.2E6	6576.1E6	163.180m	225.519m#
Spiked Amount	200.000				Recovery =	81.59% 112.76%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

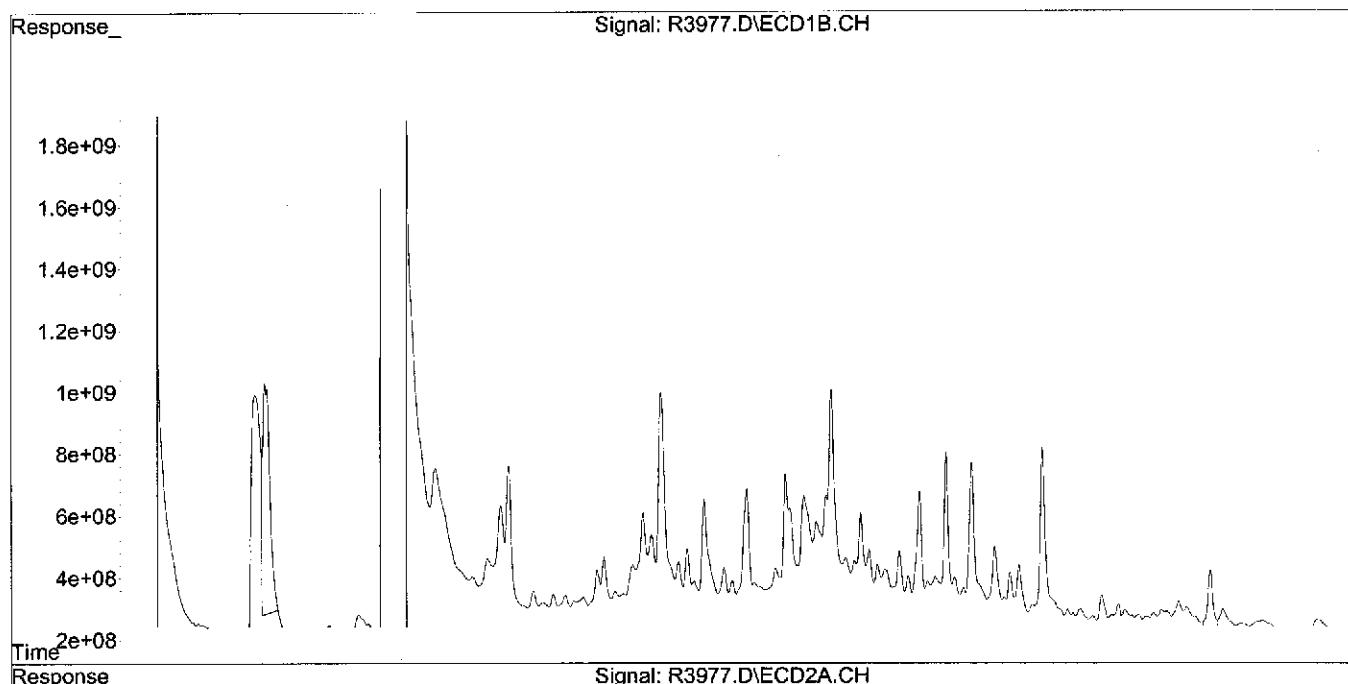
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

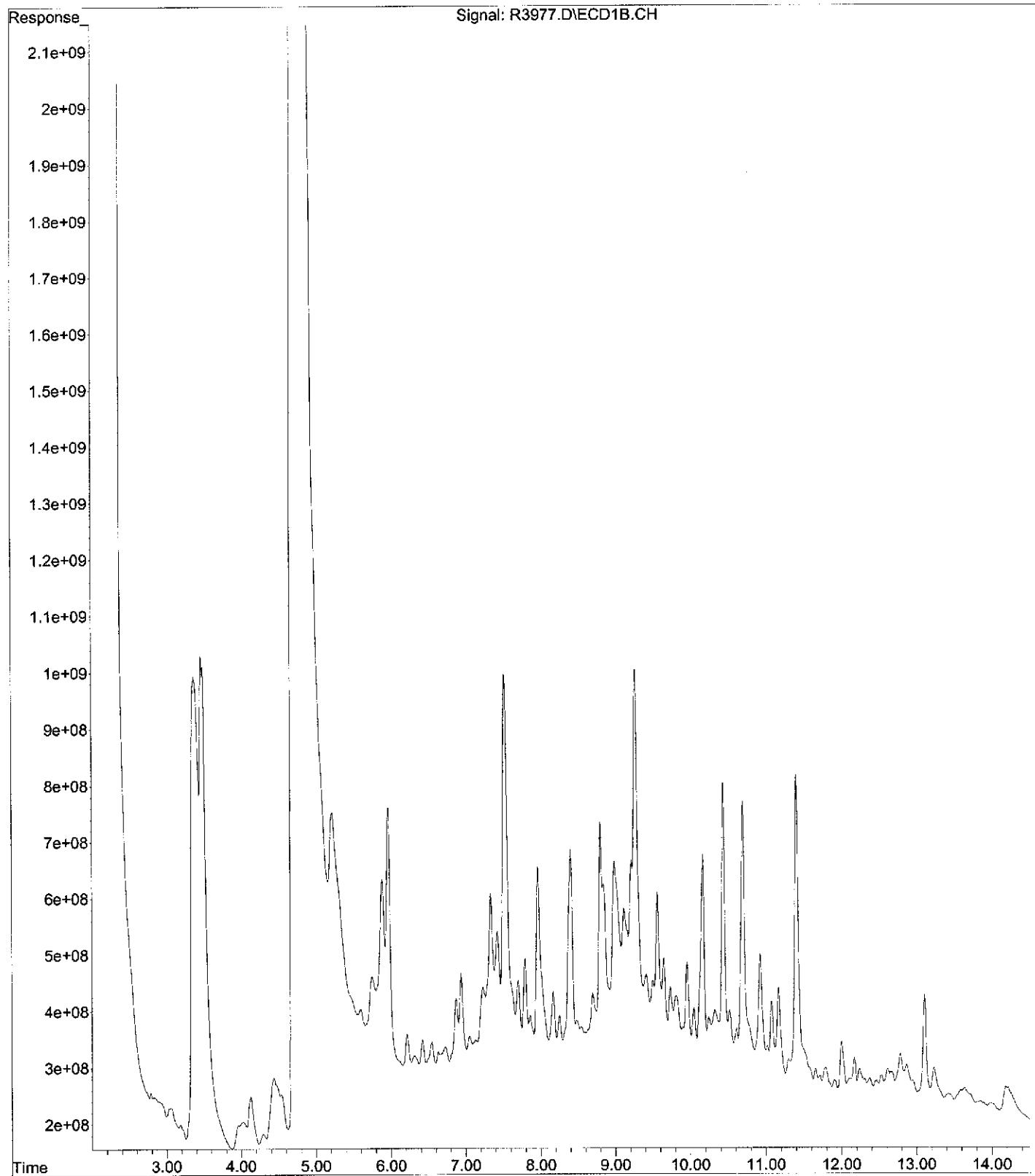
Data Path : C:\MSDCHEM\1\DATA\09-24-12\  
Data File : R3977.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 24 Sep 2012 16:47  
Operator : YG  
Sample : Y-30\_(1.0-,09301-014,S,5.04g,14.4,09/21/12,4  
Misc : 120921-02,09/13/12,09/13/12,1  
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 26 13:30:22 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Mon Sep 17 13:03:51 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

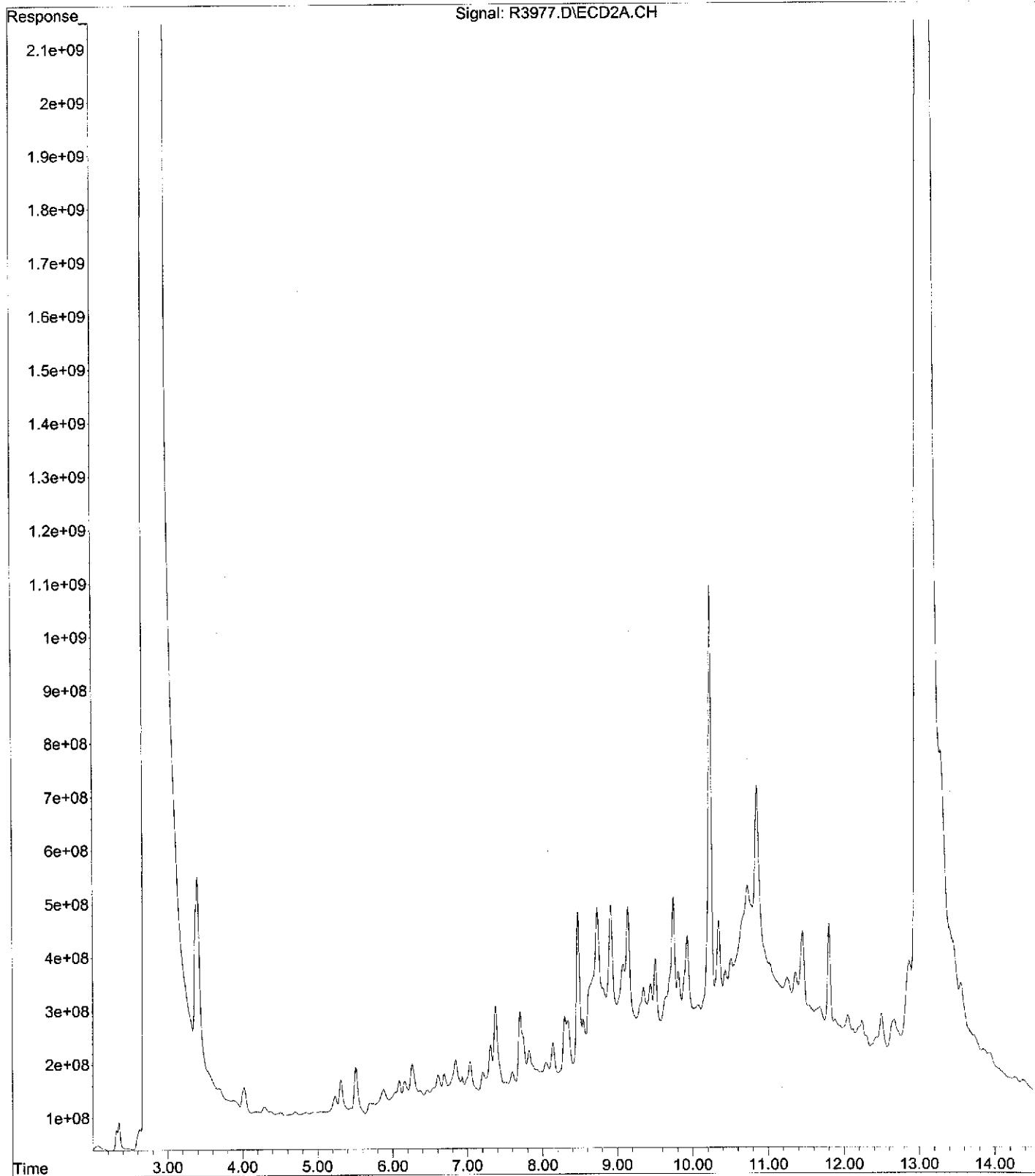
Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



File : C:\MSDChem\1\DATA\09-24-12\R3977.D  
Operator : YG  
Acquired : 24 Sep 2012 16:47 using AcqMethod RPCB0830.M  
Instrument : GC\_R  
Sample Name: Y-30\_(1.0-,09301-014,S,5.04g,14.4,09/21/12,4  
Misc Info : 120921-02,09/13/12,09/13/12,1  
Vial Number: 5



File : C:\MSDCHEM\1\DATA\09-24-12\R3977.D  
Operator : YG  
Acquired : 24 Sep 2012 16:47 using AcqMethod RPCB0830.M  
Instrument : GC\_R  
Sample Name: Y-30\_(1.0-,09301-014,S,5.04g,14.4,09/21/12,4  
Misc Info : 120921-02,09/13/12,09/13/12,1  
Vial Number: 5



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
 Data File : R3963.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 21 Sep 2012 22:01  
 Operator : YG  
 Sample : Y-30\_(2.0-,09301-015,S,5.02g,13.1,09/21/12,4  
 Misc : 120921-02,09/13/12,09/13/12,1  
 ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 26 13:00:18 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Mon Sep 17 13:03:51 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
1) S	TCMX	3.50	3.40	35492.6E6	30149.5E6	234.609	215.290
	Spiked Amount	200.000			Recovery	= 117.30%	107.65%
2) S	DCB	13.10	13.15	8379.6E6	5080.6E6	162.297m	174.233m
	Spiked Amount	200.000			Recovery	= 81.15%	87.12%
<hr/>							
Target Compounds							
	Sum Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
	Sum Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
	Sum Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
	Sum Aroclor-1242			0	0	N.D.	N.D.
Average	Aroclor-1242					0.000	0.000
	Sum Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000
	Sum Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
	Sum Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
	Sum Aroclor-1262			0	0	N.D.	N.D.
Average	Aroclor-1262					0.000	0.000
	Sum Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000
<hr/>							

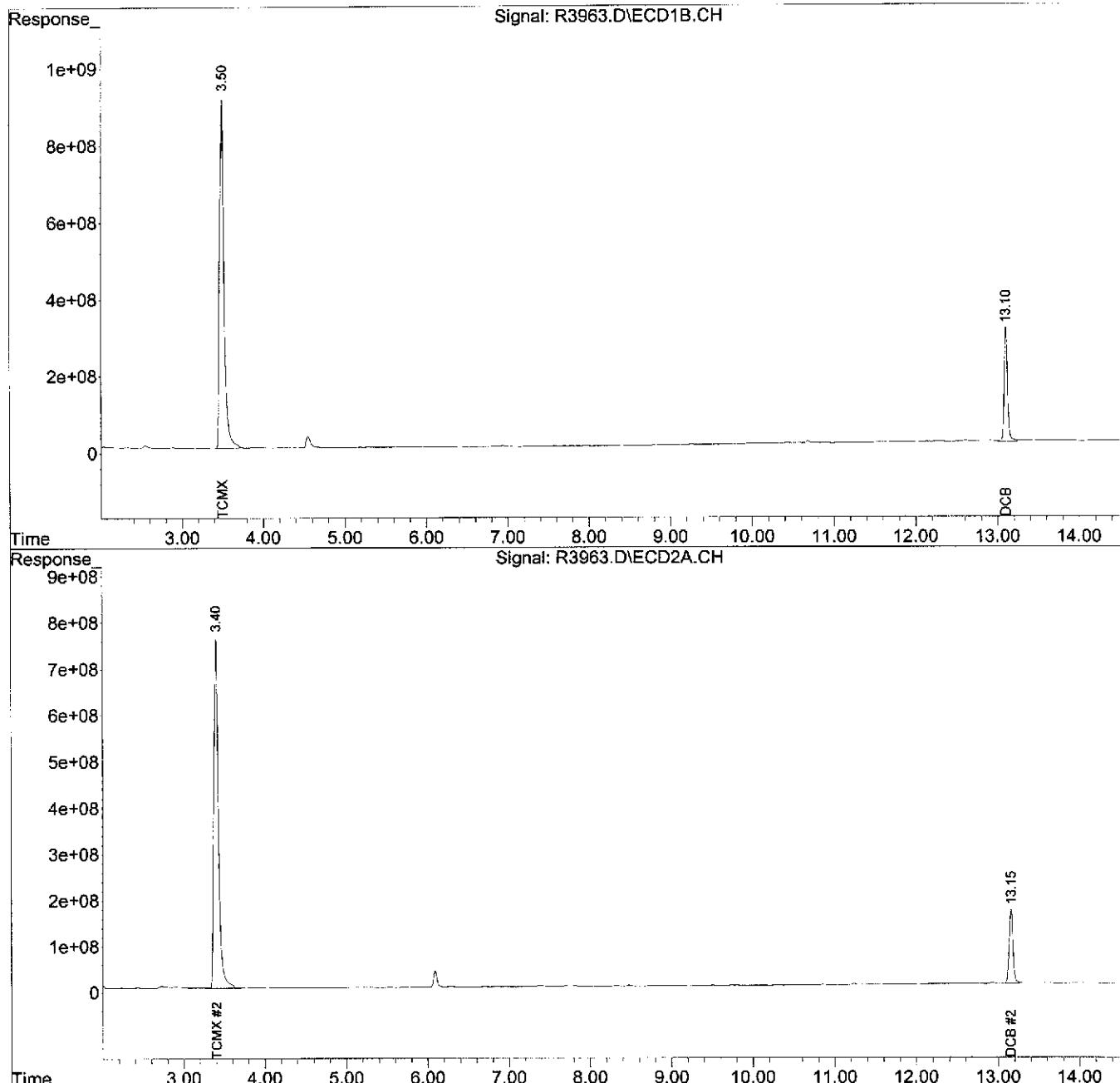
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
Data File : R3963.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 21 Sep 2012 22:01  
Operator : YG  
Sample : Y-30\_(2.0-,09301-015,S,5.02g,13.1,09/21/12,4  
Misc : 120921-02,09/13/12,09/13/12,1  
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 26 13:00:18 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Mon Sep 17 13:03:51 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-24-12\  
 Data File : R3978.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 24 Sep 2012 17:04  
 Operator : YG  
 Sample : Y-30\_(4.0-,09301-016,S,5.35g,62.7,09/21/12,4  
 Misc : 120921-02,09/13/12,09/13/12,1  
 ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 26 13:22:49 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Mon Sep 17 13:03:51 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
1) S	TCMX	3.50	3.41	23288.9E6	24917.8E6	153.942	177.932
	Spiked Amount	200.000			Recovery	=	76.97% 88.97%
2) S	DCB	13.10	13.16	4971.7E6	3082.8E6	96.292m	105.721m
	Spiked Amount	200.000			Recovery	=	48.15% 52.86%
<hr/>							
Target Compounds							
	Sum Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
	Sum Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
	Sum Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
	Sum Aroclor-1242			0	0	N.D.	N.D.
Average	Aroclor-1242					0.000	0.000
	Sum Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000
	Sum Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
	Sum Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
	Sum Aroclor-1262			0	0	N.D.	N.D.
Average	Aroclor-1262					0.000	0.000
	Sum Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000
<hr/>							

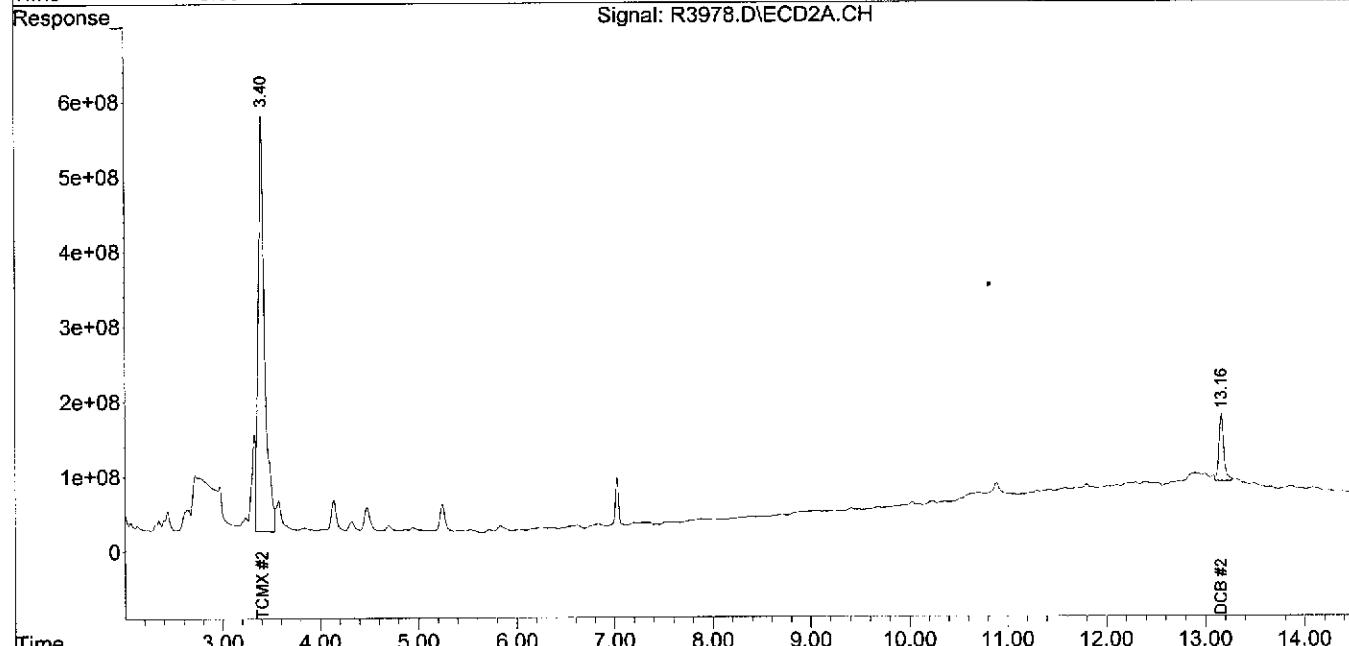
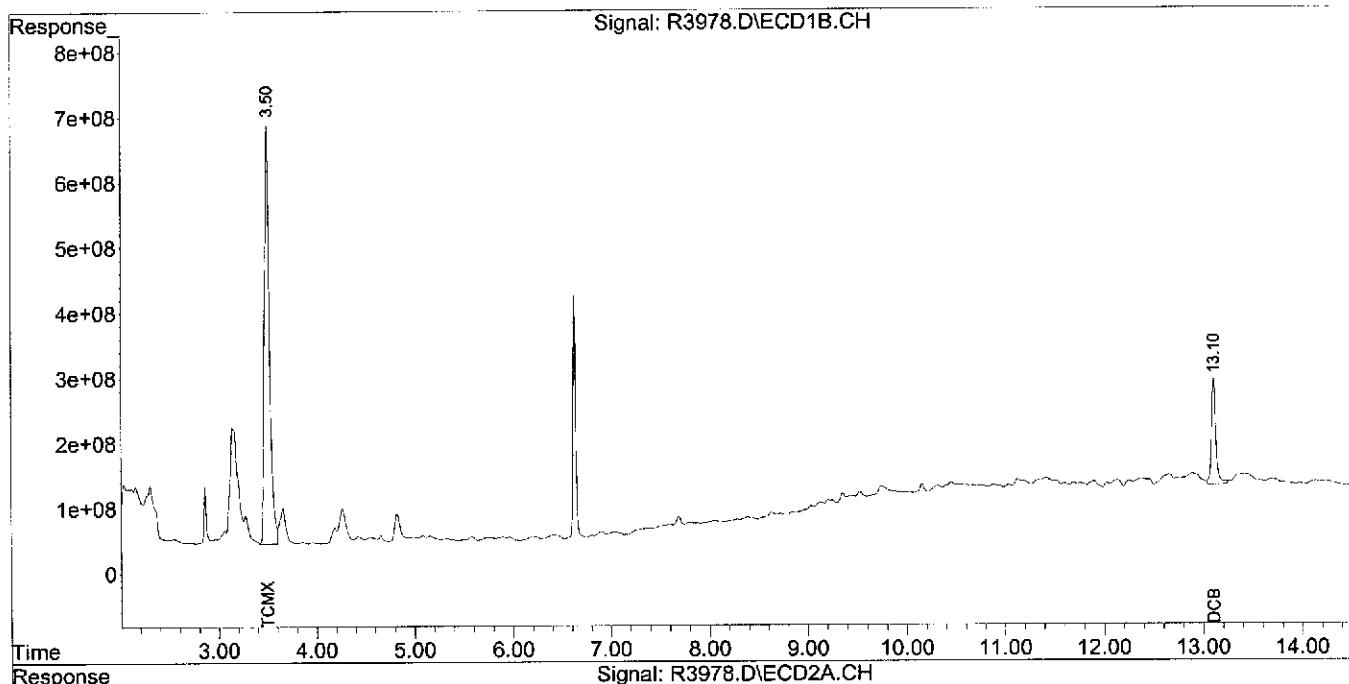
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-24-12\  
Data File : R3978.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 24 Sep 2012 17:04  
Operator : YG  
Sample : Y-30\_(4.0-,09301-016,S,5.35g,62.7,09/21/12,4  
Misc : 120921-02,09/13/12,09/13/12,1  
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 26 13:22:49 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Mon Sep 17 13:03:51 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
 Data File : R3965.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 21 Sep 2012 22:36  
 Operator : YG  
 Sample : Y-30\_(5.0-,09301-017,S,5.32g,23.3,09/21/12,4  
 Misc : 120921-02,09/13/12,09/13/12,1  
 ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 26 13:01:16 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Mon Sep 17 13:03:51 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.50	3.40	40237.1E6	33561.6E6	265.970	239.655
Spiked Amount	200.000			Recovery	= 132.99%	119.83%
2) S DCB	13.10	13.15	9033.6E6	5514.0E6	174.963	189.095
Spiked Amount	200.000			Recovery	= 87.48%	94.55%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

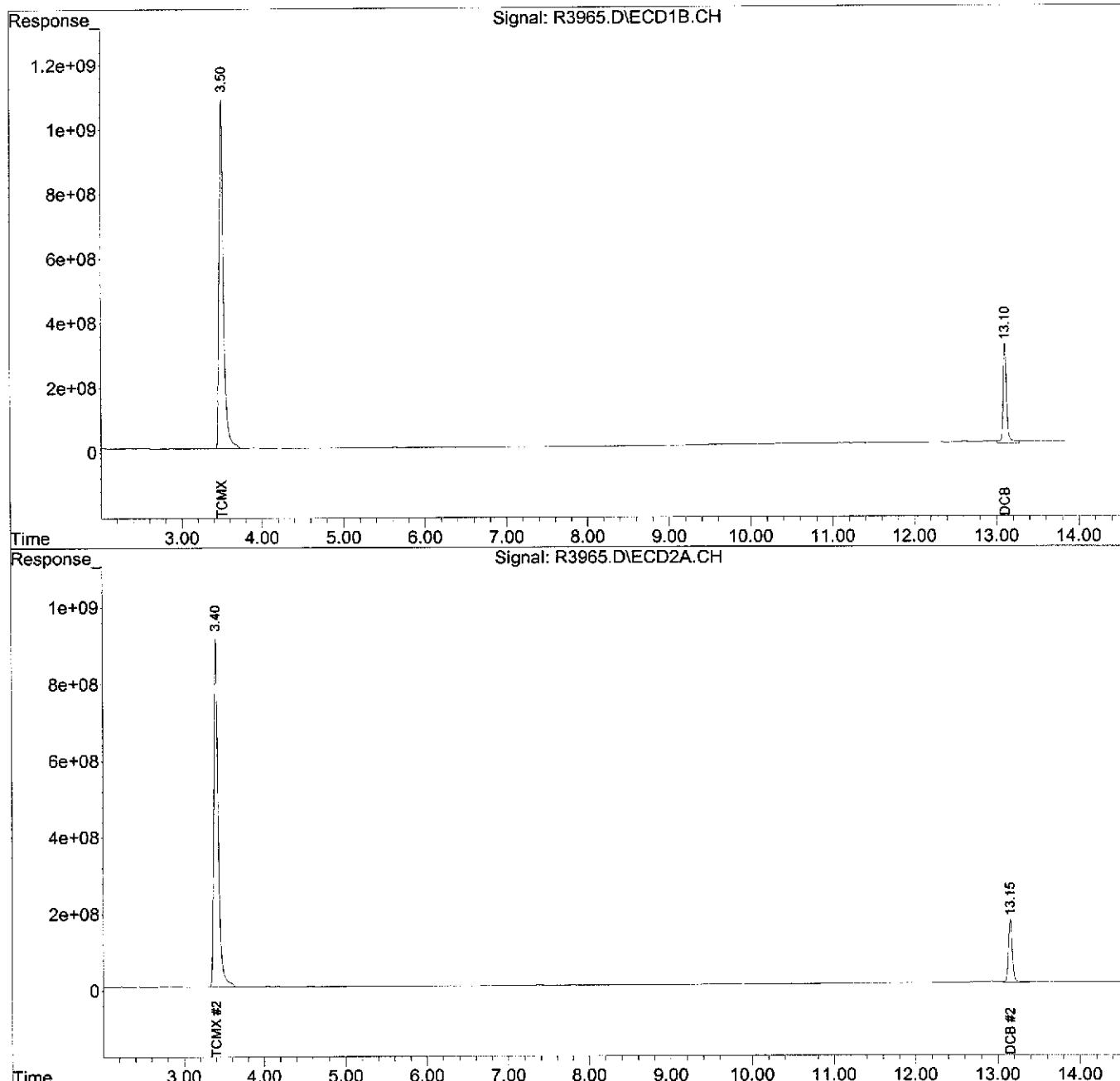
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
Data File : R3965.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 21 Sep 2012 22:36  
Operator : YG  
Sample : Y-30\_(5.0-,09301-017,S,5.32g,23.3,09/21/12,4  
Misc : 120921-02,09/13/12,09/13/12,1  
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 26 13:01:16 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Mon Sep 17 13:03:51 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
 Data File : R3966.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 21 Sep 2012 22:53  
 Operator : YG  
 Sample : Z-30\_0-2.,09301-018,S,5.51g,13.2,09/21/12,4  
 Misc : 120921-02,09/13/12,09/13/12,1  
 ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 26 13:02:49 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Mon Sep 17 13:03:51 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
1) S TCMX		3.50	3.40	35051.0E6	29273.1E6	231.690	209.032
Spiked Amount	200.000			Recovery	=	115.85%	104.52%
2) S DCB		13.10	13.15	7652.8E6	5045.8E6	148.219m	173.039m
Spiked Amount	200.000			Recovery	=	74.11%	86.52%
<hr/>							
Target Compounds							
Sum Aroclor-1016				0	0	N.D.	N.D.
Average Aroclor-1016						0.000	0.000
Sum Aroclor-1221				0	0	N.D.	N.D.
Average Aroclor-1221						0.000	0.000
Sum Aroclor-1232				0	0	N.D.	N.D.
Average Aroclor-1232						0.000	0.000
Sum Aroclor-1242				0	0	N.D.	N.D.
Average Aroclor-1242						0.000	0.000
23) L6 Aroclor-1248	5.31	5.69	3105.3E6	2435.6E6	406.402	405.252	
24) L6 Aroclor-1248 {2}	5.87	6.27	4458.7E6	8674.7E6	1065.457	1029.681	
25) L6 Aroclor-1248 {3}	6.21	6.69	7380.1E6	5806.9E6	1748.951	905.125	#
26) L6 Aroclor-1248 {4}	6.93	6.84	10295.3E6	4572.8E6	1193.012	846.925	#
27) L6 Aroclor-1248 {5}	7.22	7.20	6387.8E6	2489.7E6	907.929	801.233	
Sum Aroclor-1248			31627.2E6	23979.7E6	5321.751	3988.216	
Average Aroclor-1248					1064.350	797.643	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254						0.000	0.000
33) L8 Aroclor-1260	9.26	8.73	4063.4E6	2600.1E6	343.421	496.224	#
34) L8 Aroclor-1260 {2}	9.94	9.14	711.6E6	1571.1E6	109.172	266.695	#
35) L8 Aroclor-1260 {3}	10.42	10.34	2731.6E6	1171.2E6	143.723	277.761	#
36) L8 Aroclor-1260 {4}	10.91	10.85	944.7E6	1765.5E6	101.518	199.227	#
37) L8 Aroclor-1260 {5}	11.99	11.44	760.1E6	1273.4E6	161.950	215.618	#
Sum Aroclor-1260			9211.3E6	8381.4E6	859.785	1455.526	
Average Aroclor-1260					171.957	291.105	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262						0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268						0.000	0.000
<hr/>							

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
Data File : R3966.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 21 Sep 2012 22:53  
Operator : YG  
Sample : Z-30\_(0-2.,09301-018,S,5.51g,13.2,09/21/12,4  
Misc : 120921-02,09/13/12,09/13/12,1  
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 26 13:02:49 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Mon Sep 17 13:03:51 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----

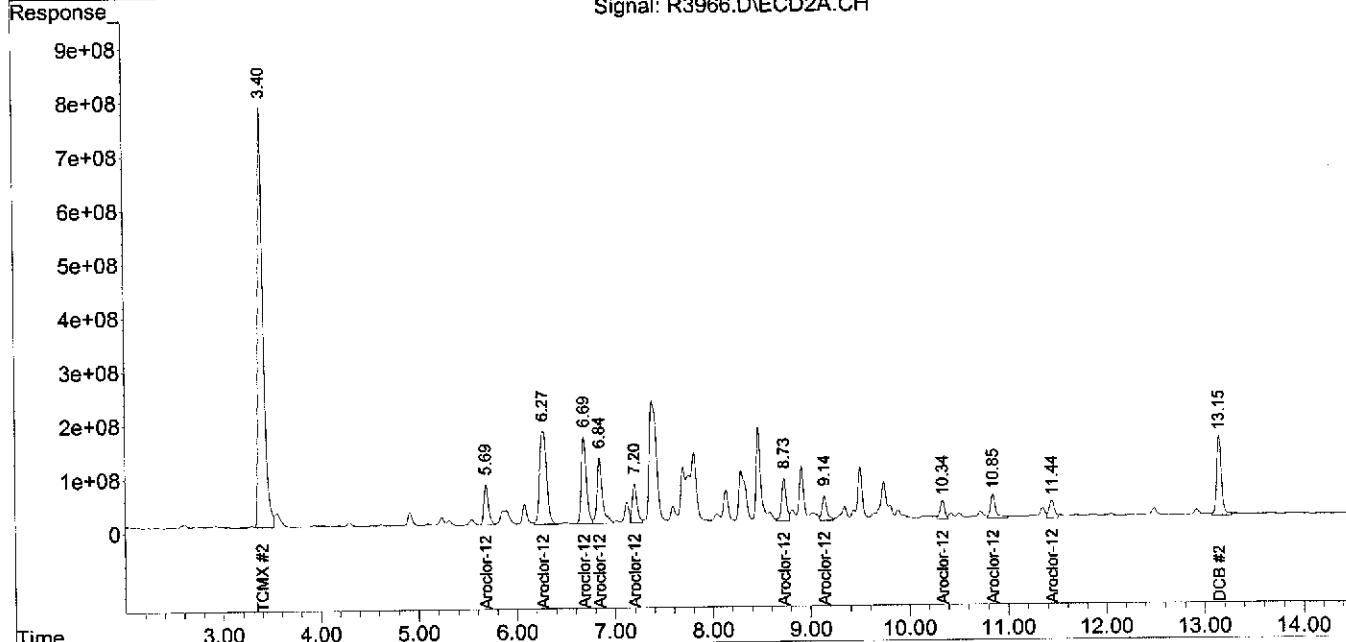
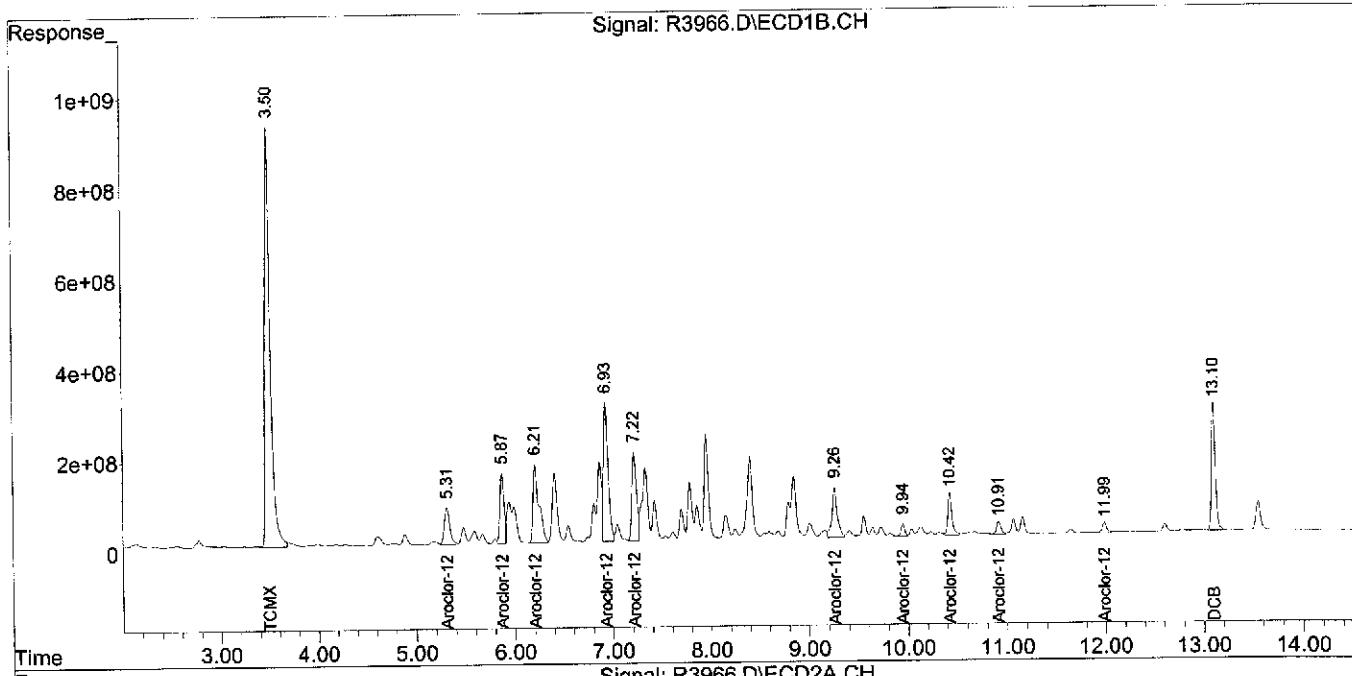
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
Data File : R3966.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 21 Sep 2012 22:53  
Operator : YG  
Sample : Z-30\_(0-2.,09301-018,S,5.51g,13.2,09/21/12,4  
Misc : 120921-02,09/13/12,09/13/12,1  
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 26 13:02:49 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Mon Sep 17 13:03:51 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
 Data File : R3967.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 21 Sep 2012 23:11  
 Operator : YG  
 Sample : Z-30\_(2.0-,09301-019,S,5.38g,13.6,09/21/12,4  
 Misc : 120921-02,09/13/12,09/13/12,1  
 ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 26 13:04:01 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Mon Sep 17 13:03:51 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :

Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
1) S	TCMX	3.50	3.40	39719.8E6	32566.9E6	262.551	232.553
	Spiked Amount	200.000			Recovery	= 131.28%	116.28%
2) S	DCB	13.10	13.15	7451.6E6	5041.2E6	144.322m	172.882m
	Spiked Amount	200.000			Recovery	= 72.16%	86.44%
<hr/>							
Target Compounds							
	Sum Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
	Sum Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
	Sum Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
	Sum Aroclor-1242			0	0	N.D.	N.D.
Average	Aroclor-1242					0.000	0.000
23) L6	Aroclor-1248	5.31	5.69	63562211	67030247	8.319	11.153 #
24) L6	Aroclor-1248 {2}	5.87	6.26	240.7E6	391.4E6	57.519	46.456
25) L6	Aroclor-1248 {3}	6.21	6.69	195.1E6	154.4E6	46.229	24.073 #
26) L6	Aroclor-1248 {4}	6.94	6.84	312.5E6	93345934	36.210	17.289 #
27) L6	Aroclor-1248 {5}	7.23	7.20	79710295	74662832	11.330	24.028 #
	Sum Aroclor-1248			891.5E6	780.9E6	159.606	122.999
Average	Aroclor-1248					31.921	24.600
	Sum Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
	Sum Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
	Sum Aroclor-1262			0	0	N.D.	N.D.
Average	Aroclor-1262					0.000	0.000
	Sum Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000
<hr/>							

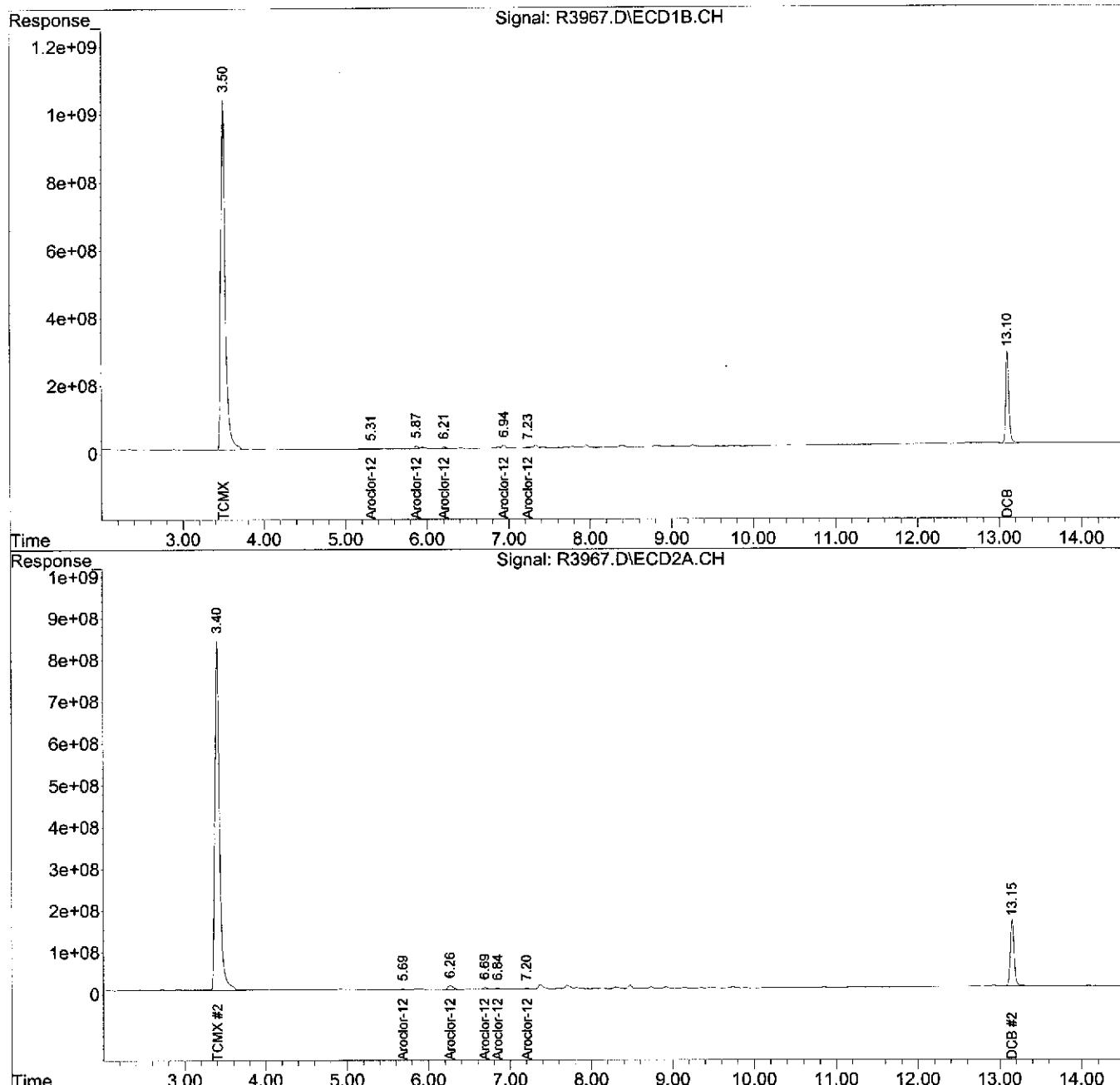
(f)=RT Delta &gt; 1/2 Window (#)=Amounts differ by &gt; 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
Data File : R3967.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 21 Sep 2012 23:11  
Operator : YG  
Sample : Z-30\_(2.0-,09301-019,S,5.38g,13.6,09/21/12,4  
Misc : 120921-02,09/13/12,09/13/12,1  
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 26 13:04:01 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Mon Sep 17 13:03:51 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
 Data File : R3968.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 21 Sep 2012 23:28  
 Operator : YG  
 Sample : Z-30\_(4.0-,09301-020,S,5.38g,13.3,09/21/12,4  
 Misc : 120921-02,09/13/12,09/13/12,1  
 ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 26 13:04:35 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Mon Sep 17 13:03:51 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
	System Monitoring Compounds						
1) S	TCMX	3.50	3.40	38249.4E6	32281.0E6	252.832	230.511
	Spiked Amount	200.000			Recovery	= 126.42%	115.26%
2) S	DCB	13.10	13.15	7298.2E6	5164.7E6	141.352m	177.115m#
	Spiked Amount	200.000			Recovery	= 70.68%	88.56%
<hr/>							
Target Compounds							
	Sum Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
	Sum Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
	Sum Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
	Sum Aroclor-1242			0	0	N.D.	N.D.
Average	Aroclor-1242					0.000	0.000
	Sum Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000
	Sum Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
	Sum Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
	Sum Aroclor-1262			0	0	N.D.	N.D.
Average	Aroclor-1262					0.000	0.000
	Sum Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000
<hr/>							

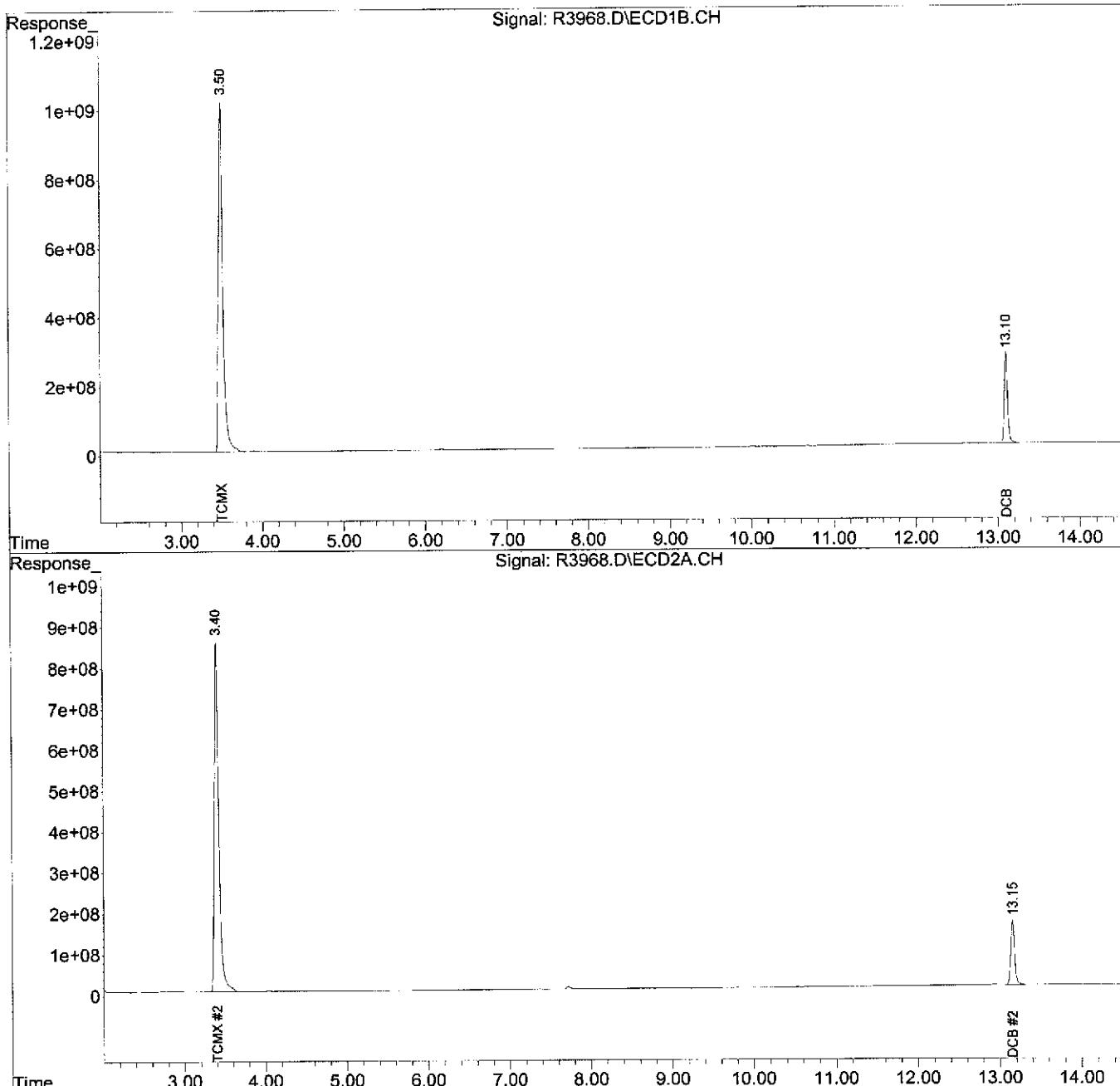
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
Data File : R3968.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 21 Sep 2012 23:28  
Operator : YG  
Sample : Z-30\_(4.0-,09301-020,S,5.38g,13.3,09/21/12,4  
Misc : 120921-02,09/13/12,09/13/12,1  
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 26 13:04:35 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Mon Sep 17 13:03:51 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
 Data File : Y1957.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 25 Sep 2012 19:33  
 Operator : YG  
 Sample : Z-30\_(5.0-,09301-021,S,5.17g,41.3,09/24/12,4  
 Misc : 120924-11,09/13/12,09/13/12,100  
 ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 26 15:07:27 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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#### System Monitoring Compounds

Target Compounds					
Sum Aroclor-1016	0	0	N.D.	N.D.	
verage Aroclor-1016			0.000	0.000	
Sum Aroclor-1221	0	0	N.D.	N.D.	
verage Aroclor-1221			0.000	0.000	
Sum Aroclor-1232	0	0	N.D.	N.D.	
verage Aroclor-1232			0.000	0.000	
Sum Aroclor-1242	0	0	N.D.	N.D.	
verage Aroclor-1242			0.000	0.000	
Sum Aroclor-1248	0	0	N.D.	N.D.	
verage Aroclor-1248			0.000	0.000	
Sum Aroclor-1254	0	0	N.D.	N.D.	
verage Aroclor-1254			0.000	0.000	
Sum Aroclor-1260	0	0	N.D.	N.D.	
verage Aroclor-1260			0.000	0.000	
Sum Aroclor-1262	0	0	N.D.	N.D.	
verage Aroclor-1262			0.000	0.000	
Sum Aroclor-1268	0	0	N.D.	N.D.	
verage Aroclor-1268			0.000	0.000	

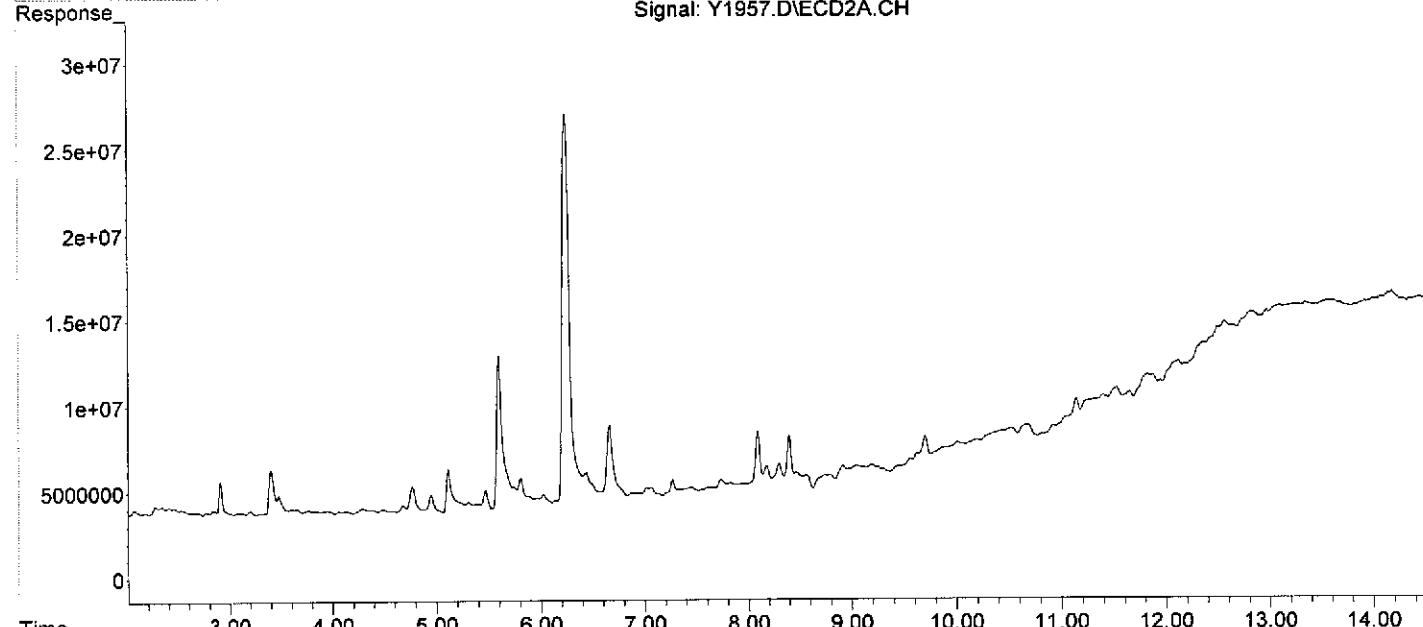
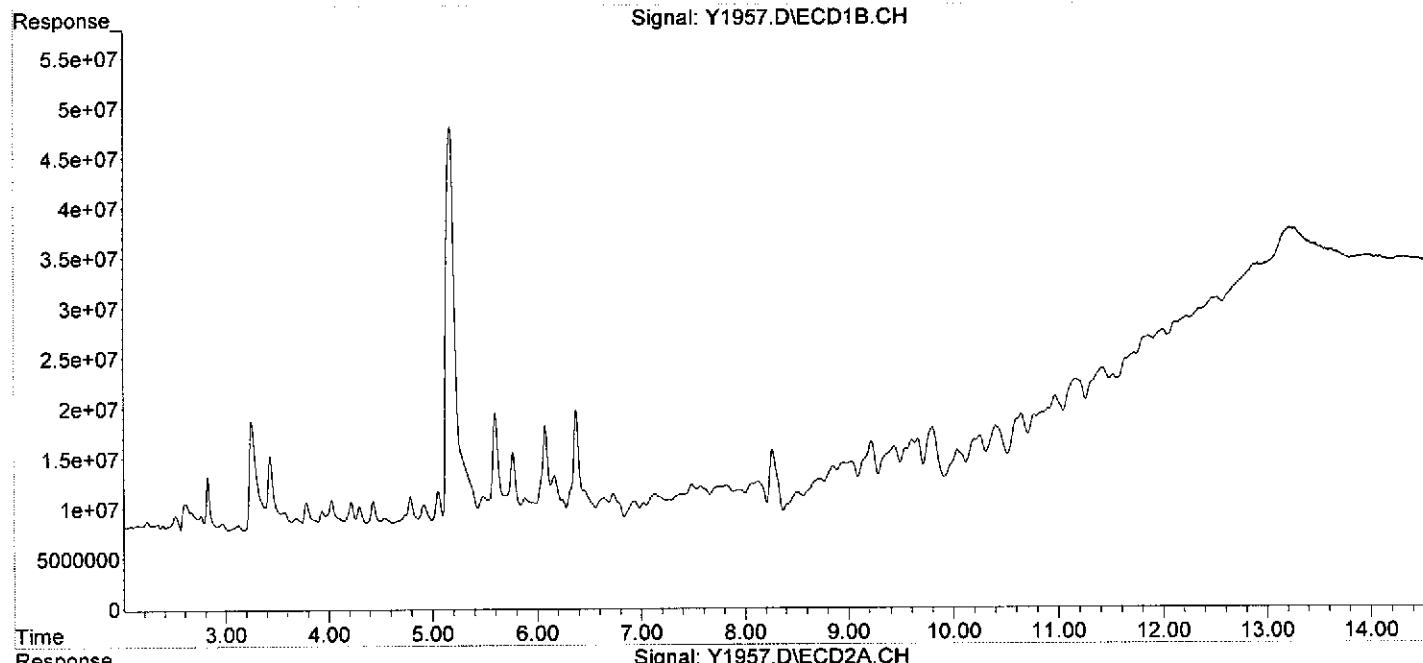
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
Data File : Y1957.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 25 Sep 2012 19:33  
Operator : YG  
Sample : Z-30\_(5.0-,09301-021,S,5.17g,41.3,09/24/12,4  
Misc : 120924-11,09/13/12,09/13/12,100  
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 26 15:07:27 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
 Data File : Y1958.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 25 Sep 2012 19:51  
 Operator : YG  
 Sample : Z-30\_(6.0-,09301-022,S,5.19g,17.5,09/24/12,4  
 Misc : 120924-11,09/13/12,09/13/12,1  
 ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 26 15:10:44 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

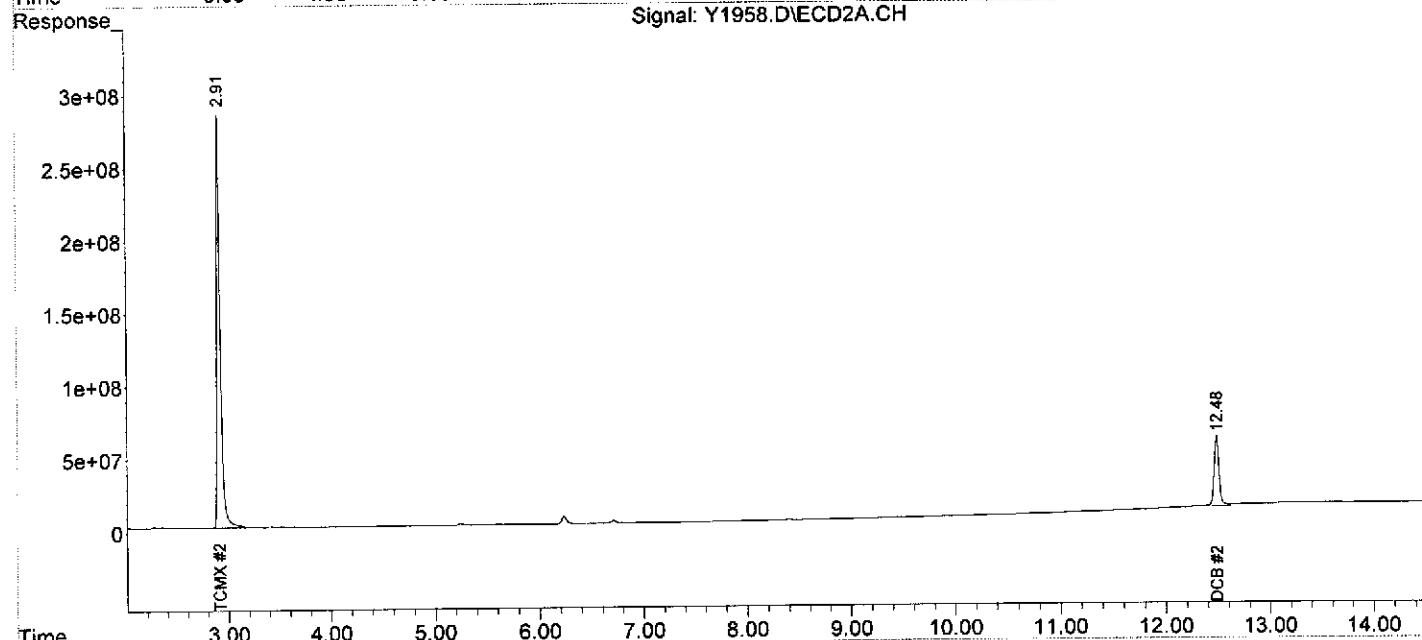
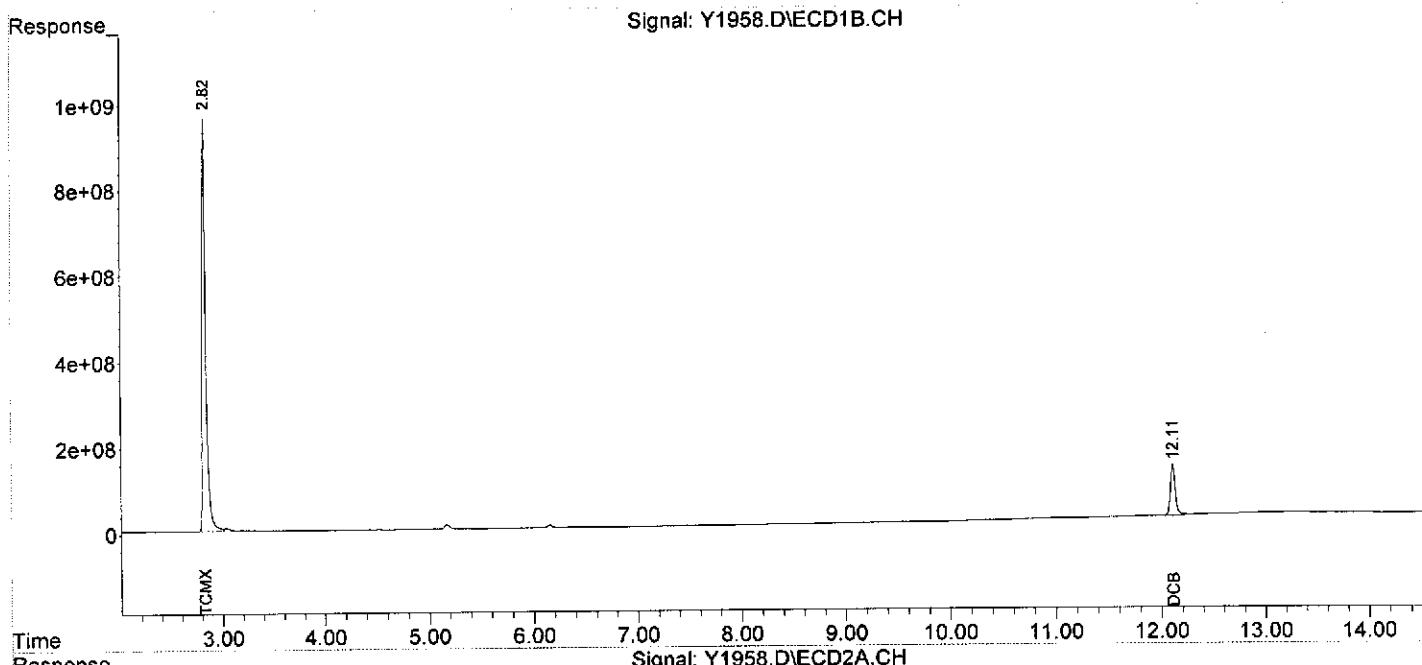
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.83	2.91	23331.7E6	7038.8E6	239.422	264.092
Spiked Amount	200.000			Recovery	= 119.71%	132.05%
2) S DCB	12.11	12.48	3840.3E6	1599.3E6	188.865m	184.676m
Spiked Amount	200.000			Recovery	= 94.43%	92.34%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
Data File : Y1958.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 25 Sep 2012 19:51  
Operator : YG  
Sample : Z-30\_(6.0-,09301-022,S,5.19g,17.5,09/24/12,4  
Misc : 120924-11,09/13/12,09/13/12,1  
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 26 15:10:44 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
 Data File : Y1959.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 25 Sep 2012 20:08  
 Operator : YG  
 Sample : Z-31\_(0-2.,09301-023,S,5.30g,12.0,09/24/12,4  
 Misc : 120924-11,09/13/12,09/13/12,1  
 ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 26 15:15:15 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.83	2.91	19599.7E6	6285.6E6	201.126	235.832
Spiked Amount	200.000			Recovery	= 100.56%	117.92%
2) S DCB	12.10	12.48	3110.5E6	1366.2E6	152.971m	157.765m
Spiked Amount	200.000			Recovery	= 76.49%	78.88%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
3) L6 Aroclor-1248	4.52	5.13	835.4E6	290.7E6	228.139	279.740
4) L6 Aroclor-1248 {2}	5.05	5.69	1697.5E6	1035.2E6	846.613	675.224
5) L6 Aroclor-1248 {3}	5.37	6.11	1830.4E6	546.2E6	733.532	503.263 #
6) L6 Aroclor-1248 {4}	6.07	6.26	3272.3E6	427.2E6	723.259	434.006 #
7) L6 Aroclor-1248 {5}	6.34	6.61	975.9E6	303.7E6	311.072	566.705 #
Sum Aroclor-1248			8611.6E6	2603.0E6	2842.614	2458.938
Average Aroclor-1248					568.523	491.788
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
13) L8 Aroclor-1260	8.34	7.87	3127.0E6	1119.3E6	523.876	1551.187 #
14) L8 Aroclor-1260 {2}	9.01	8.12	938.1E6	635.5E6	407.815	609.518 #
15) L8 Aroclor-1260 {3}	9.48	9.71	3058.5E6	566.9E6	484.670	656.107 #
16) L8 Aroclor-1260 {4}	9.96	10.22	1109.0E6	1178.6E6	357.085	612.726 #
17) L8 Aroclor-1260 {5}	11.02	10.80	873.9E6	826.8E6	644.926	599.138
Sum Aroclor-1260			9106.4E6	4327.1E6	2418.373	4028.675
Average Aroclor-1260					483.675	805.735
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
Data File : Y1959.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 25 Sep 2012 20:08  
Operator : YG  
Sample : Z-31\_(0-2.,09301-023,S,5.30g,12.0,09/24/12,4  
Misc : 120924-11,09/13/12,09/13/12,1  
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 26 15:15:15 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----

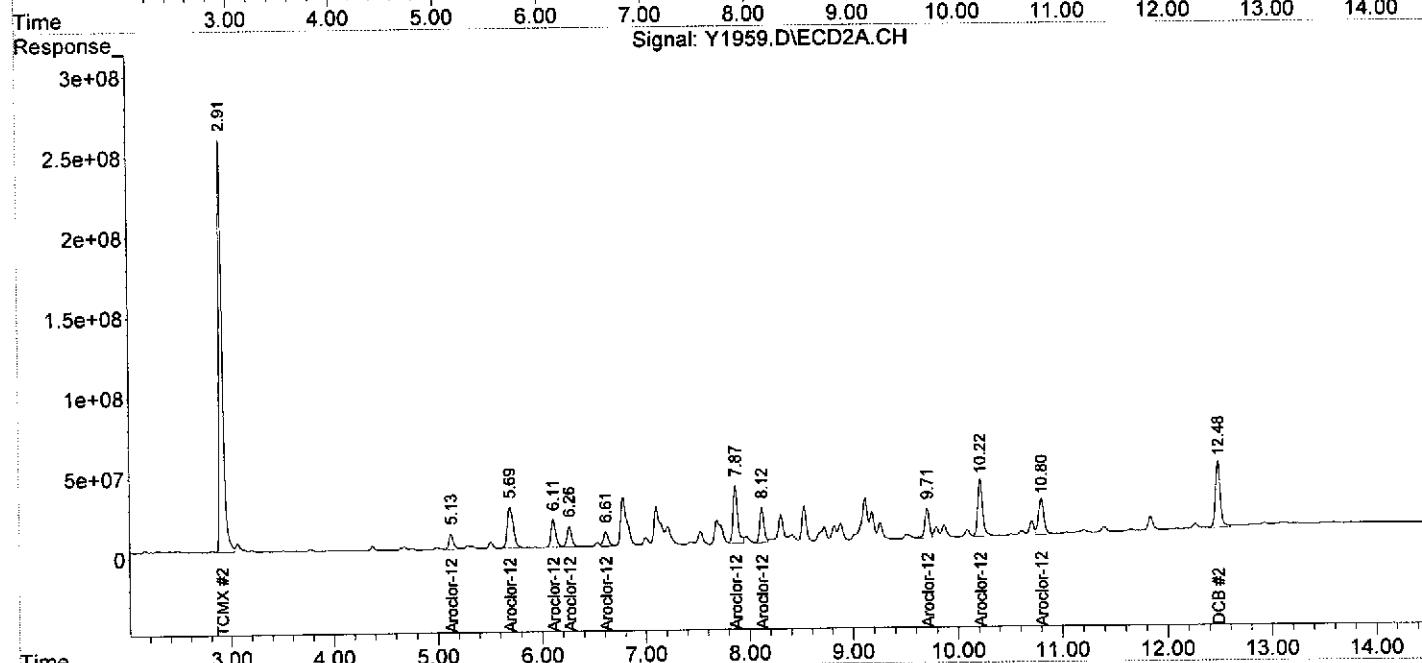
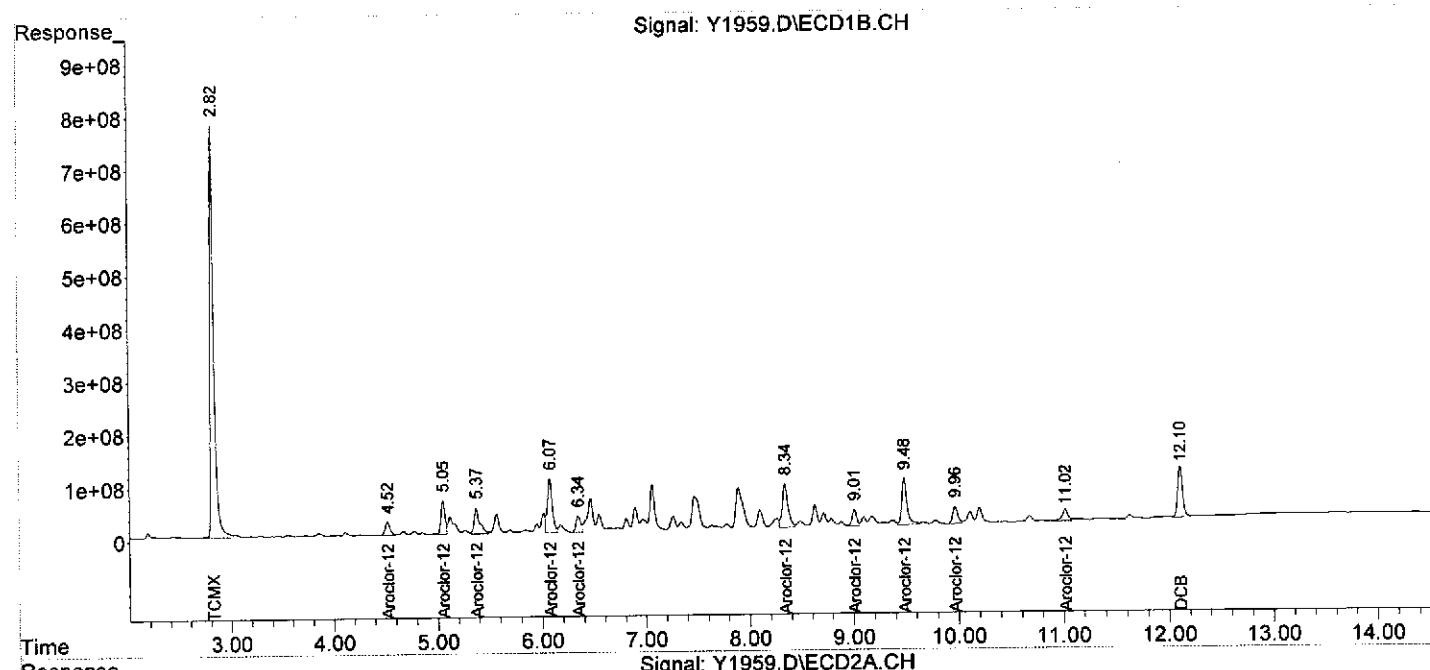
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
Data File : Y1959.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 25 Sep 2012 20:08  
Operator : YG  
Sample : Z-31\_(0-2.,09301-023,S,5.30g,12.0,09/24/12,4  
Misc : 120924-11,09/13/12,09/13/12,1  
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 26 15:15:15 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
 Data File : Y1960.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 25 Sep 2012 20:25  
 Operator : YG  
 Sample : Z-31\_(2.0-,09301-024,S,5.81g,11.5,09/24/12,4  
 Misc : 120924-11,09/13/12,09/13/12,1  
 ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 27 12:48:01 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

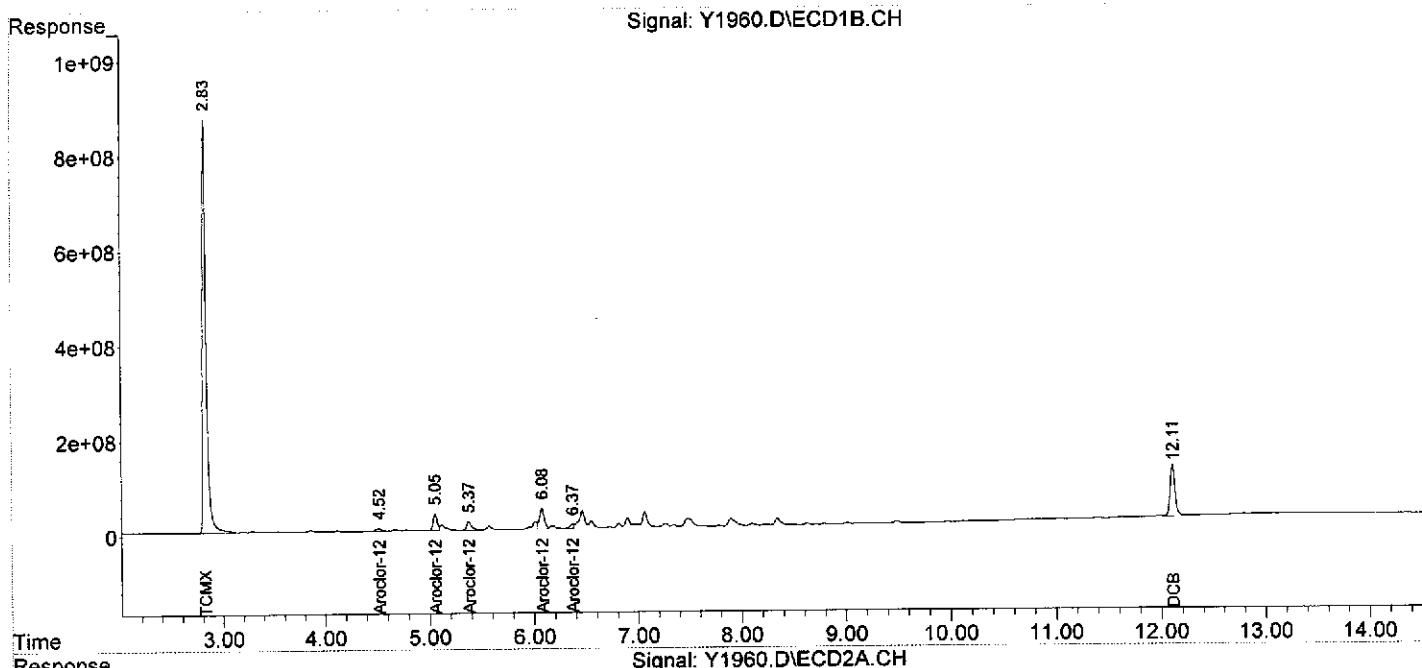
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.83	2.91	21895.5E6	6717.7E6	224.684	252.045
Spiked Amount	200.000			Recovery	= 112.34%	126.02%
2) S DCB	12.11	12.48	3611.8E6	1493.5E6	177.626m	172.462m
Spiked Amount	200.000			Recovery	= 88.81%	86.23%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
3) L6 Aroclor-1248	4.52	5.13	215.0E6	77740865	58.729	74.806 #
4) L6 Aroclor-1248 {2}	5.05	5.69	930.0E6	443.2E6	463.826	289.061 #
5) L6 Aroclor-1248 {3}	5.37	6.11	577.8E6	185.5E6	231.542	170.914 #
6) L6 Aroclor-1248 {4}	6.08	6.26	1394.6E6	91279453	308.235	92.740 #
7) L6 Aroclor-1248 {5}	6.37	6.62	246.0E6	62813718	78.424	117.198 #
Sum Aroclor-1248			3363.5E6	860.5E6	1140.757	744.719
Average Aroclor-1248					228.151	148.944
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
Data File : Y1960.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 25 Sep 2012 20:25  
Operator : YG  
Sample : Z-31\_(2.0-,09301-024,S,5.81g,11.5,09/24/12,4  
Misc : 120924-11,09/13/12,09/13/12,1  
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 27 12:48:01 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
 Data File : Y1961.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 25 Sep 2012 20:42  
 Operator : YG  
 Sample : Z-31\_(4.0-,09301-025,S,5.22g,11.7,09/24/12,4  
 Misc : 120924-11,09/13/12,09/13/12,1  
 ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 27 12:48:52 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

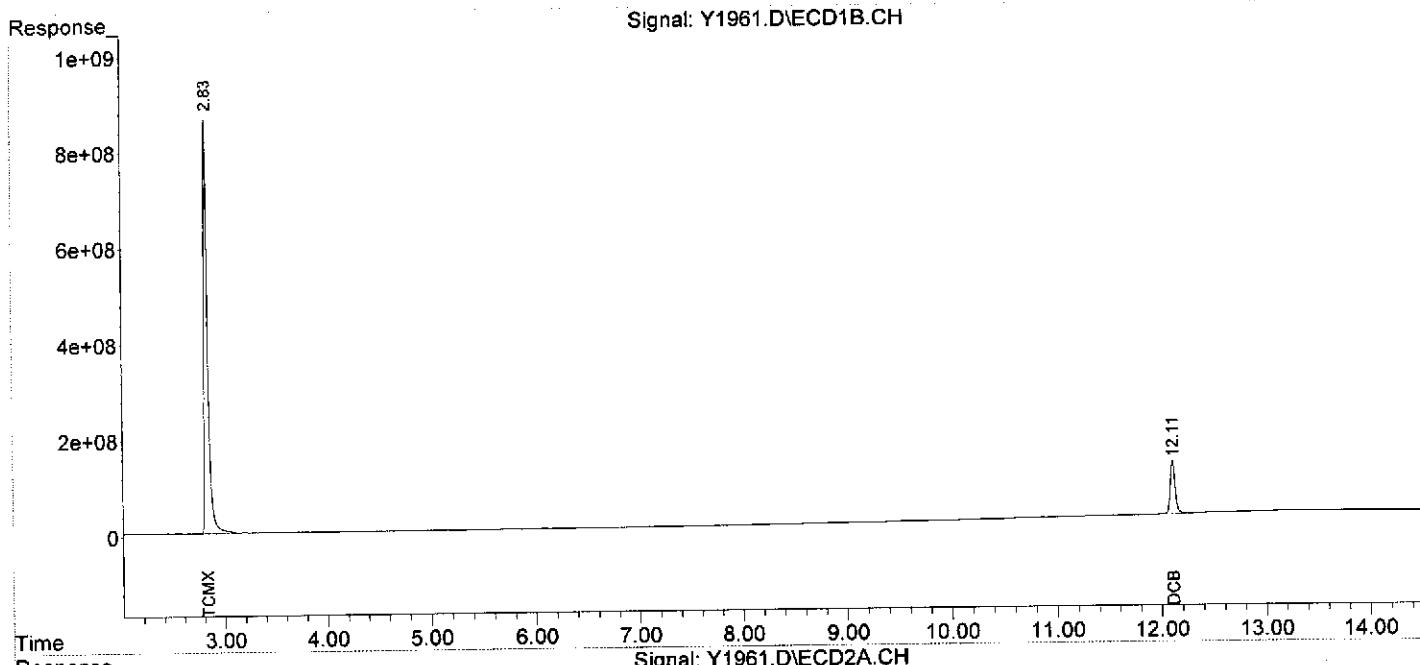
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
) S TCMX	2.83	2.91	21806.0E6	6721.7E6	223.766	252.193
Spiked Amount	200.000			Recovery	= 111.88%	126.10%
) S DCB	12.11	12.48	3624.2E6	1464.2E6	178.233m	169.077m
Spiked Amount	200.000			Recovery	= 89.12%	84.54%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
Data File : Y1961.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 25 Sep 2012 20:42  
Operator : YG  
Sample : Z-31\_(4.0-,09301-025,S,5.22g,11.7,09/24/12,4  
Misc : 120924-11,09/13/12,09/13/12,1  
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 27 12:48:52 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
 Data File : Y1962.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 25 Sep 2012 20:59  
 Operator : YG  
 Sample : Z-31\_(5-5.,09301-026,S,5.34g,28.0,09/24/12,4  
 Misc : 120924-11,09/13/12,09/13/12,1  
 ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 27 12:49:13 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

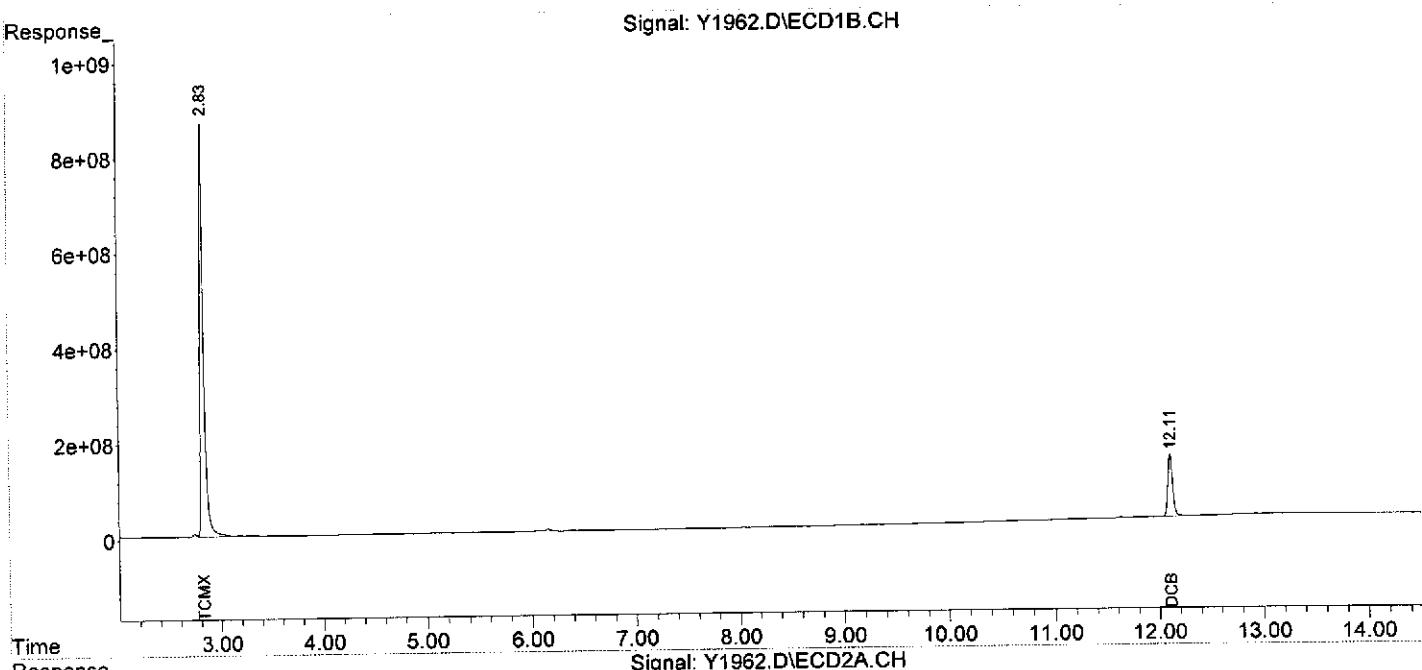
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.83	2.91	21748.4E6	7255.8E6	223.175	272.235
Spiked Amount	200.000			Recovery	= 111.59%	136.12%
2) S DCB	12.11	12.48	4127.8E6	1586.1E6	203.000m	183.154m
Spiked Amount	200.000			Recovery	= 101.50%	91.58%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
Data File : Y1962.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 25 Sep 2012 20:59  
Operator : YG  
Sample : Z-31\_(5-5.,09301-026,S,5.34g,28.0,09/24/12,4  
Misc : 120924-11,09/13/12,09/13/12,1  
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 27 12:49:13 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
 Data File : Y1963.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 25 Sep 2012 21:17  
 Operator : YG  
 Sample : Z-31\_(5.25,09301-027,S,5.57g,19.5,09/24/12,4  
 Misc : 120924-11,09/13/12,09/13/12,1  
 ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 27 12:50:12 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

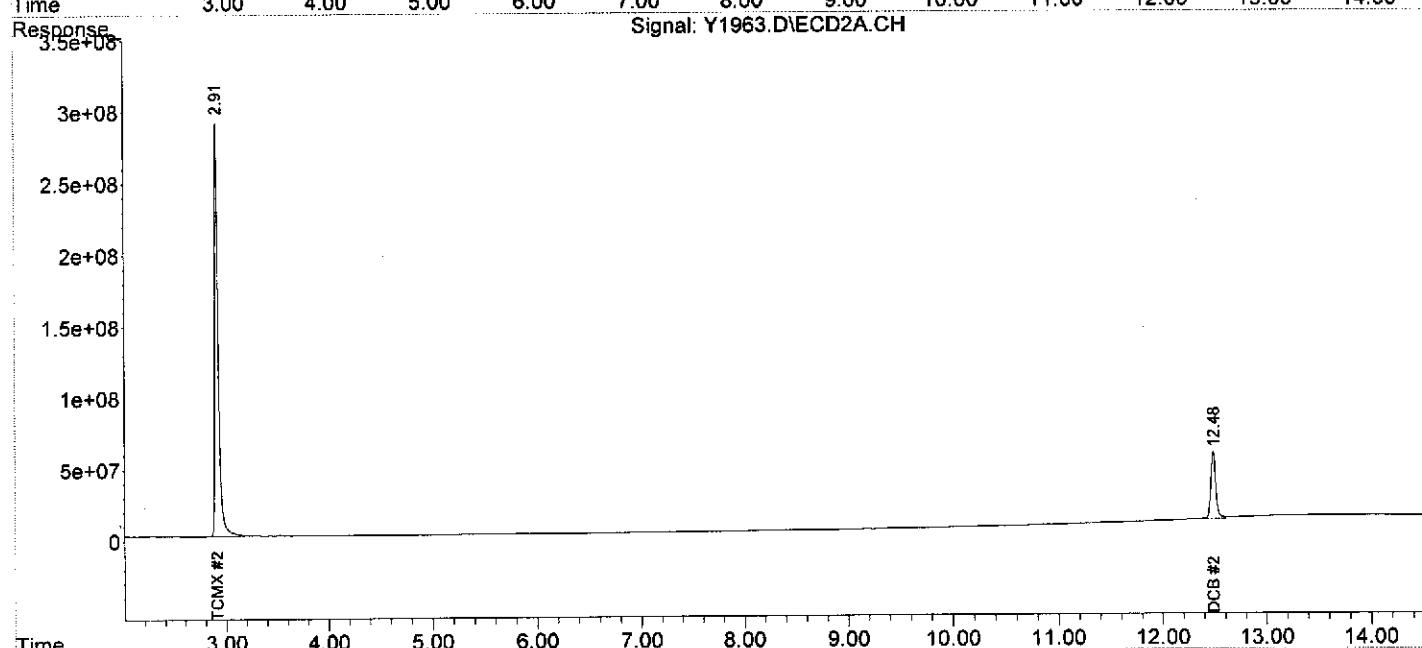
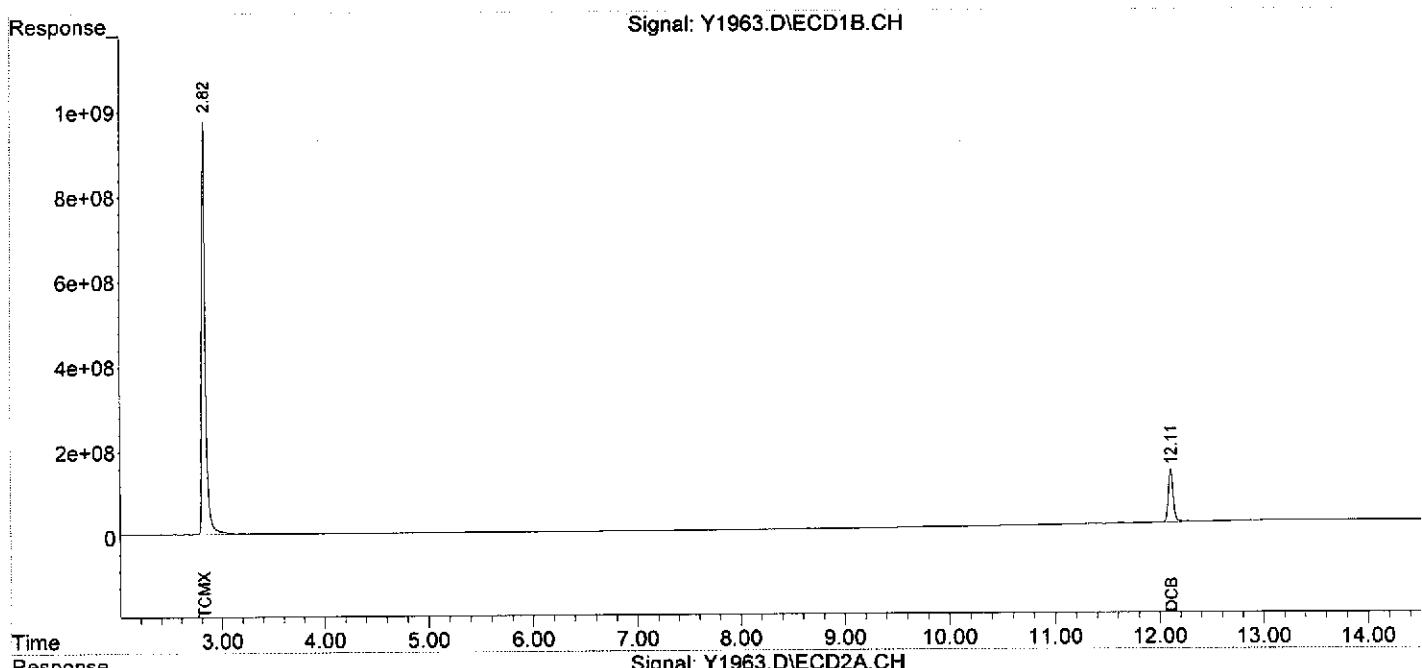
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.82	2.91	23775.4E6	7177.1E6	243.975	269.282
Spiked Amount	200.000			Recovery	= 121.99%	134.64%
2) S DCB	12.11	12.48	4067.0E6	1562.8E6	200.010m	180.467m
Spiked Amount	200.000			Recovery	= 100.01%	90.23%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
Data File : Y1963.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 25 Sep 2012 21:17  
Operator : YG  
Sample : Z-31\_(5.25,09301-027,S,5.57g,19.5,09/24/12,4  
Misc : 120924-11,09/13/12,09/13/12,1  
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 27 12:50:12 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
 Data File : Y1964.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 25 Sep 2012 21:34  
 Operator : YG  
 Sample : W-40\_(6.5-,09301-028,S,5.02g,19.4,09/24/12,4  
 Misc : 120924-11,09/13/12,09/13/12,1  
 ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 27 12:50:42 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

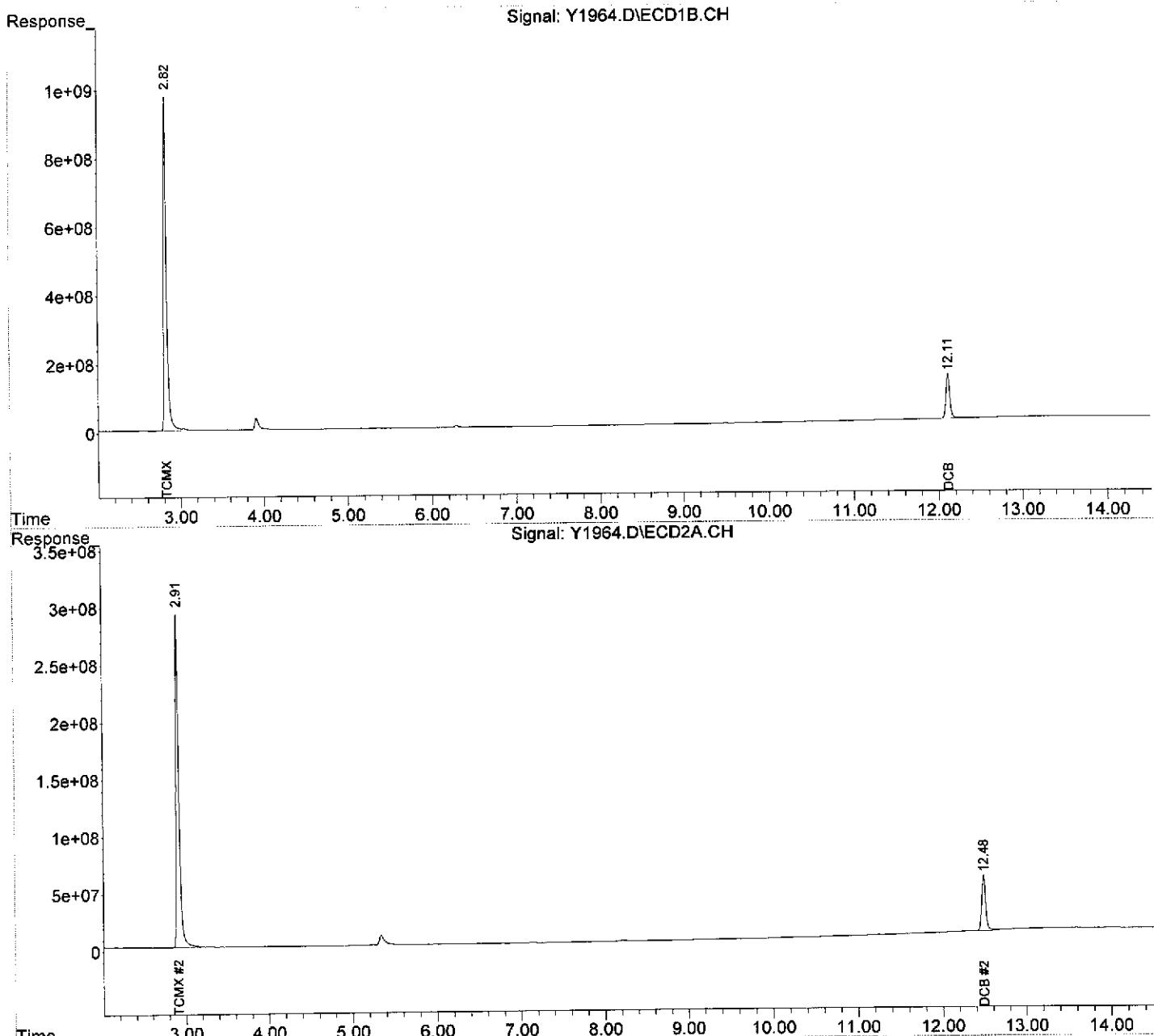
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
) S TCMX	2.82	2.91	23050.5E6	7200.8E6	236.537	270.170
Spiked Amount	200.000			Recovery	= 118.27%	135.09%
) S DCB	12.11	12.48	4172.6E6	1587.5E6	205.203m	183.321m
Spiked Amount	200.000			Recovery	= 102.60%	91.66%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
Data File : Y1964.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 25 Sep 2012 21:34  
Operator : YG  
Sample : W-40\_(6.5-,09301-028,S,5.02g,19.4,09/24/12,4  
Misc : 120924-11,09/13/12,09/13/12,1  
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 27 12:50:42 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
 Data File : Y1965.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 25 Sep 2012 21:51  
 Operator : YG  
 Sample : W-40\_(7.0-,09301-029,S,5.27g,18.5,09/24/12,4  
 Misc : 120924-11,09/13/12,09/13/12,1  
 ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 27 12:51:08 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

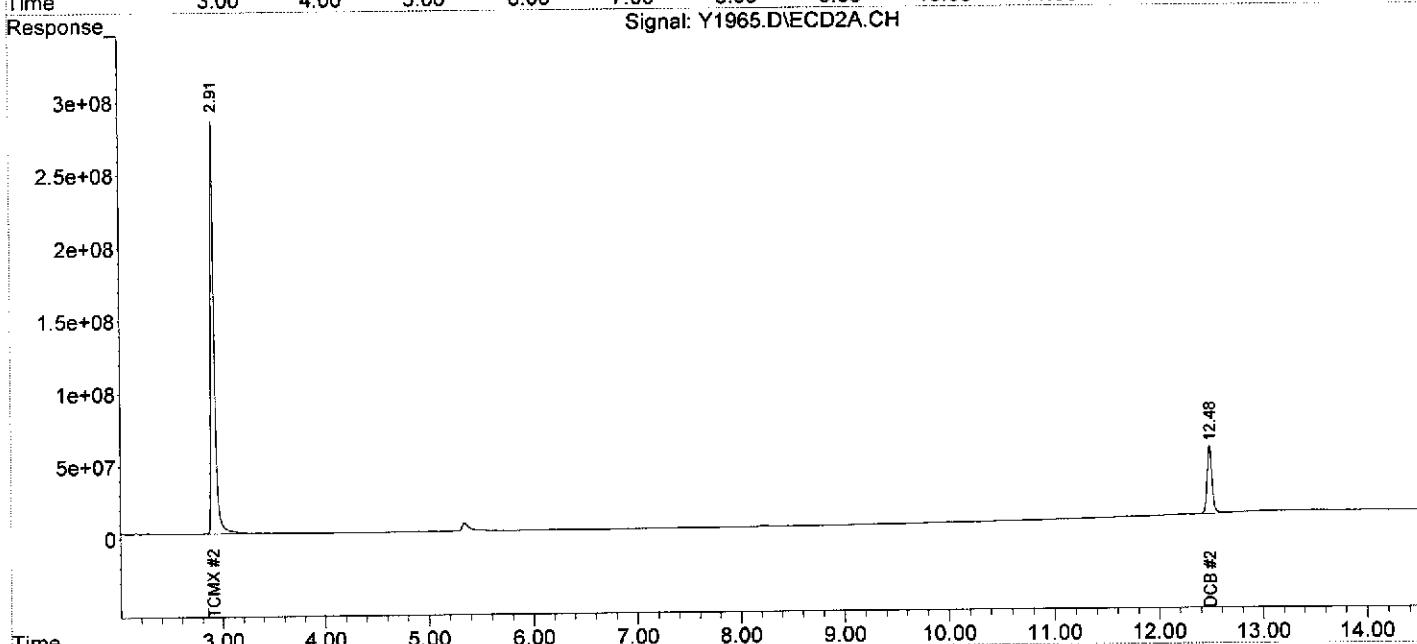
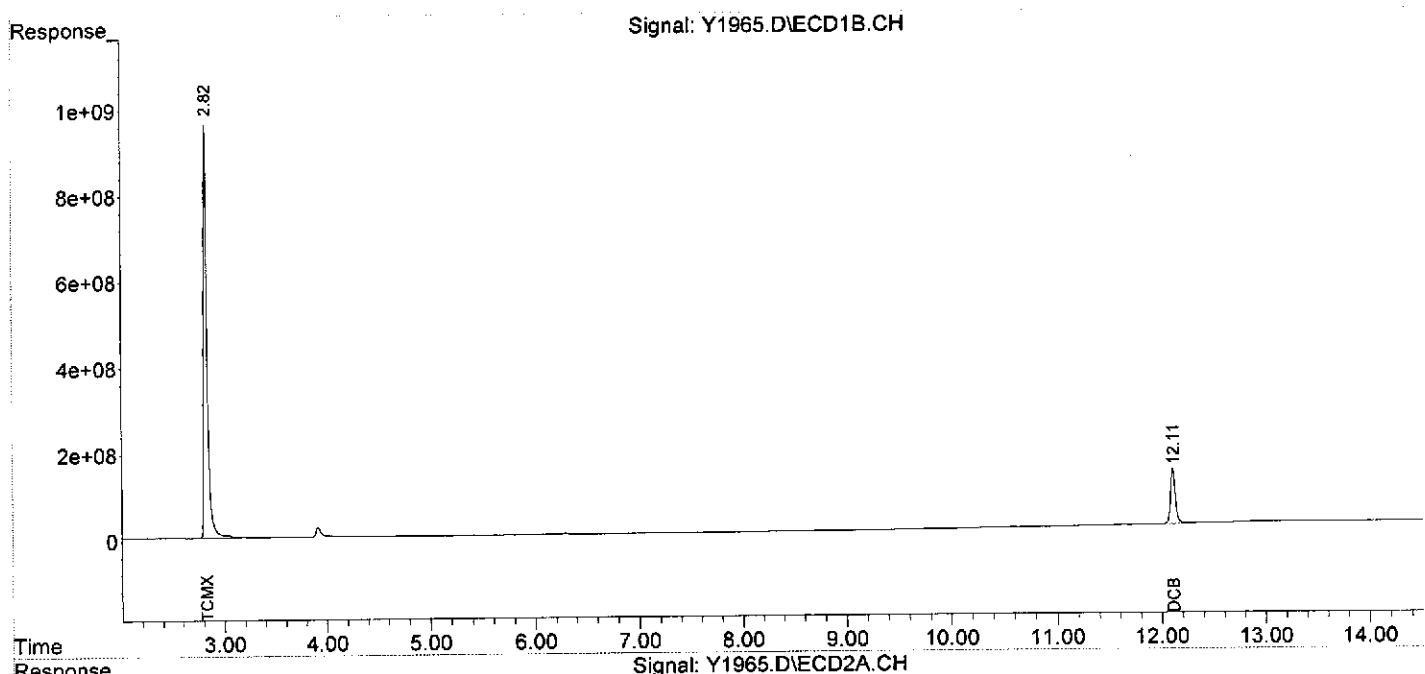
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.83	2.91	22803.2E6	7025.4E6	233.999	263.590
Spiked Amount	200.000			Recovery	= 117.00%	131.79%
2) S DCB	12.11	12.48	4097.7E6	1522.3E6	201.521m	175.793m
Spiked Amount	200.000			Recovery	= 100.76%	87.90%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
verage Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
verage Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
verage Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
verage Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
verage Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
verage Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
verage Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
verage Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
verage Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
Data File : Y1965.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 25 Sep 2012 21:51  
Operator : YG  
Sample : W-40 (7.0-, 09301-029, S, 5.27g, 18.5, 09/24/12, 4  
Misc : 120924-11, 09/13/12, 09/13/12, 1  
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 27 12:51:08 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
 Data File : Y1966.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 25 Sep 2012 22:08  
 Operator : YG  
 Sample : W-40\_(8.0-,09301-030,S,5.01g,12.4,09/24/12,4  
 Misc : 120924-11,09/13/12,09/13/12,1  
 ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 27 12:53:40 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

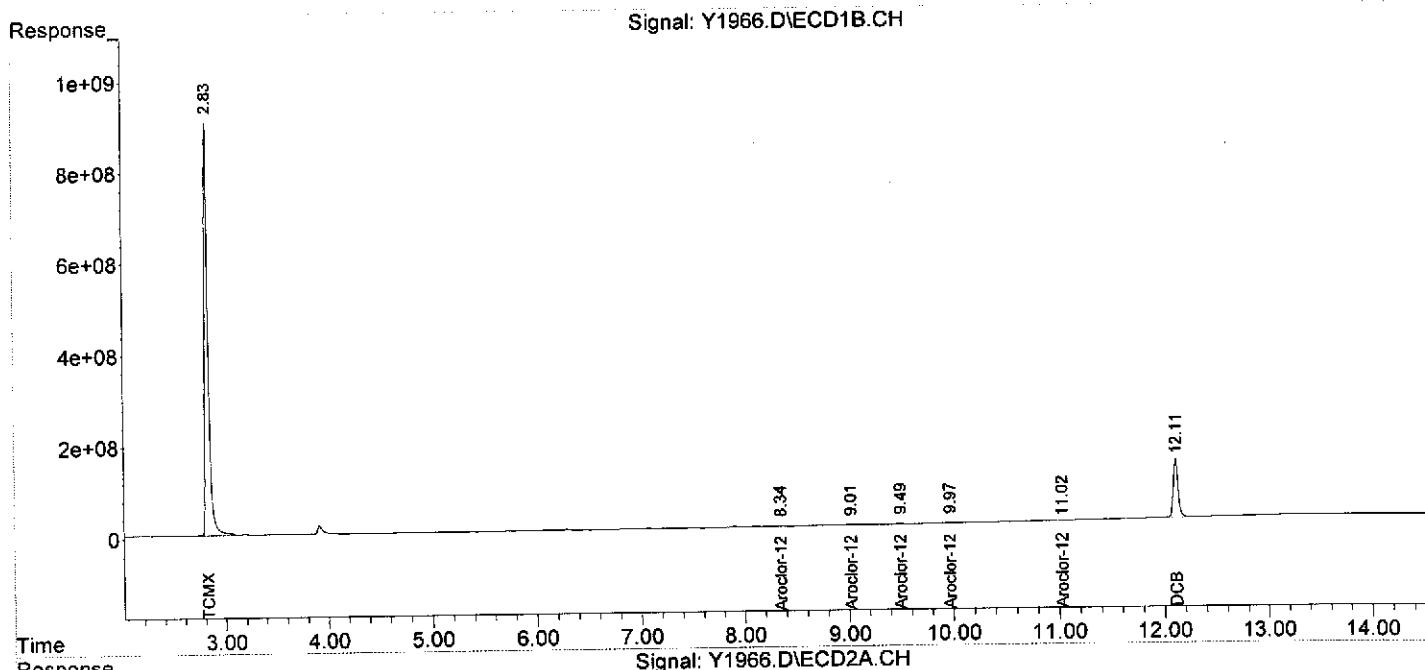
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
.) S TCMX	2.83	2.91	22360.1E6	6859.6E6	229.452	257.369
Spiked Amount	200.000			Recovery	= 114.73%	128.68%
) S DCB	12.11	12.48	4057.1E6	1492.3E6	199.524m	172.326m
Spiked Amount	200.000			Recovery	= 99.76%	86.16%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
3) L8 Aroclor-1260	8.34	7.87	52911606	13776055	8.865	19.092 #
4) L8 Aroclor-1260 {2}	9.01	8.12	27919793	11318443	12.138m	10.856
5) L8 Aroclor-1260 {3}	9.49	9.71	88163452	7244313	13.971	8.384m#
6) L8 Aroclor-1260 {4}	9.97	10.22	55107815	21395796	17.745m	11.123m#
7) L8 Aroclor-1260 {5}	11.02	10.80	10850896	15188466	8.008m	11.006m#
Sum Aroclor-1260			235.0E6	68923073	60.726	60.462
Average Aroclor-1260					12.145	12.092
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
Data File : Y1966.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 25 Sep 2012 22:08  
Operator : YG  
Sample : W-40\_(8.0-,09301-030,S,5.01g,12.4,09/24/12,4  
Misc : 120924-11,09/13/12,09/13/12,1  
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 27 12:53:40 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
 Data File : Y1969.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 25 Sep 2012 23:00  
 Operator : YG  
 Sample : U-38\_(6.0-,09301-033,S,5.01g,21.5,09/24/12,4  
 Misc : 120924-11,09/13/12,09/13/12,1  
 ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 27 12:56:12 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

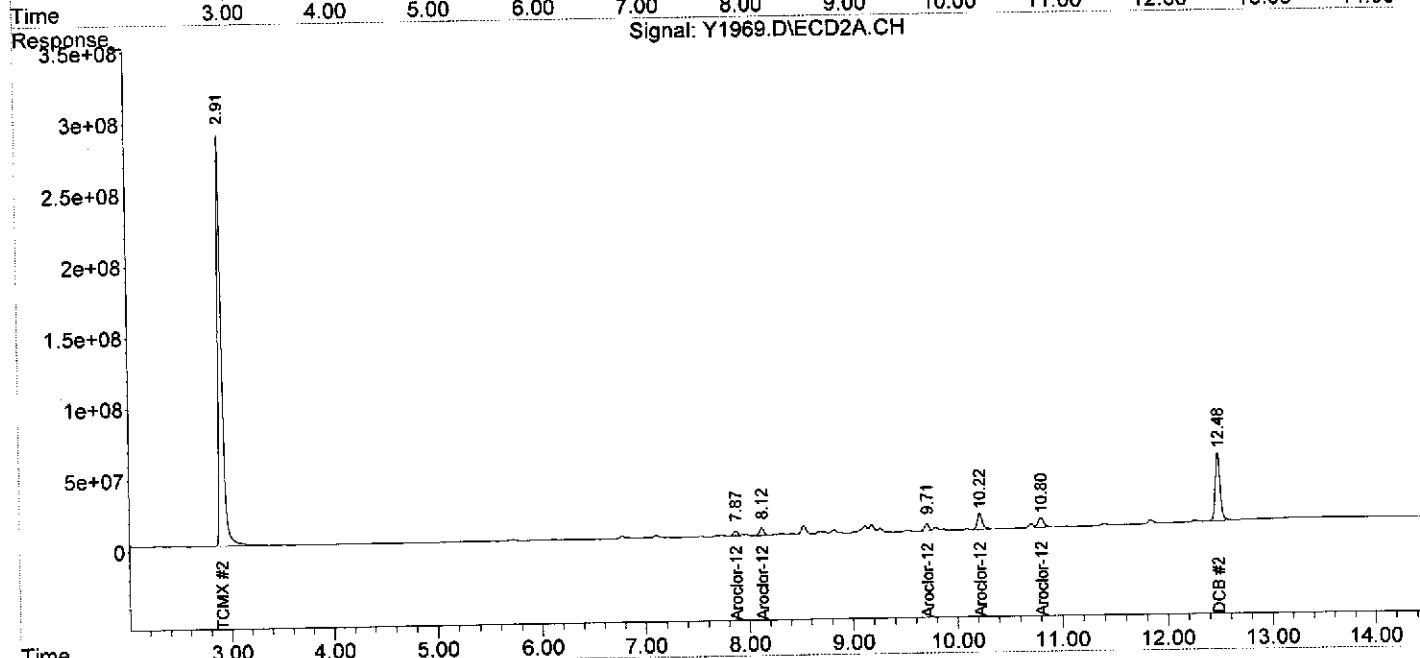
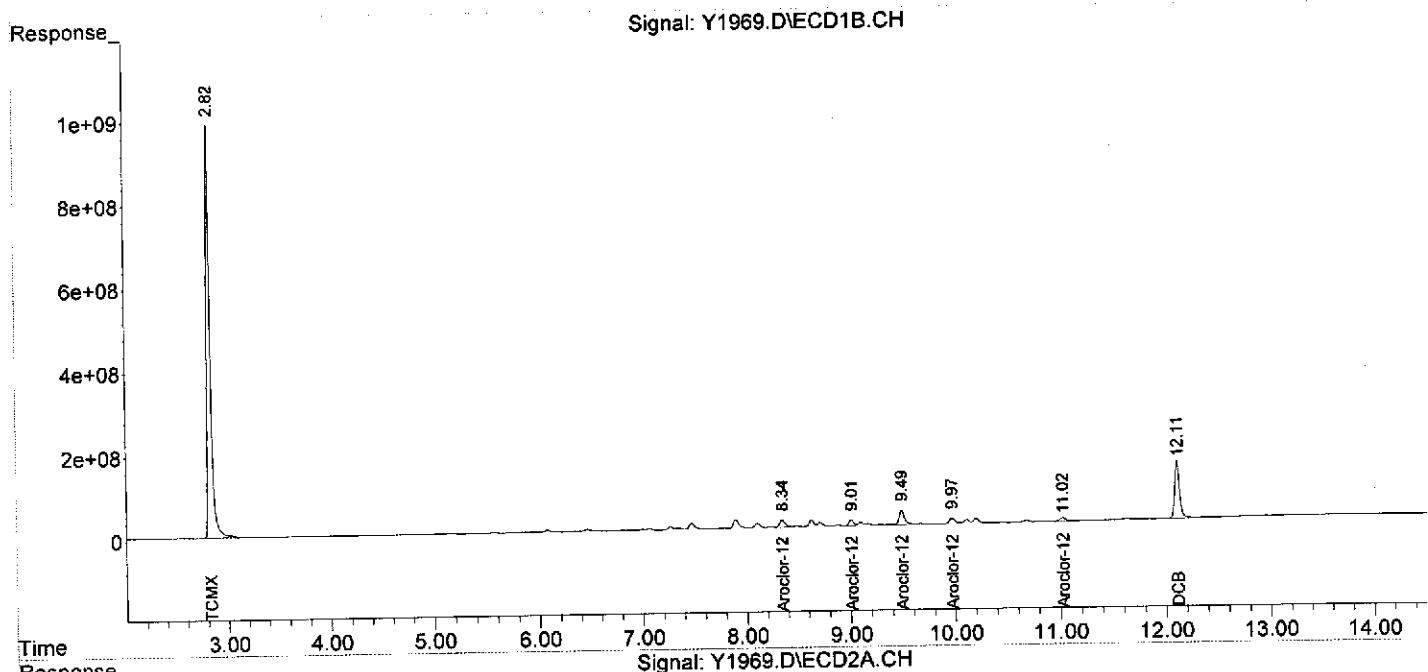
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.82	2.91	23440.2E6	7279.3E6	240.536	273.116
Spiked Amount	200.000			Recovery	= 120.27%	136.56%
2) S DCB	12.11	12.48	4482.5E6	1533.0E6	220.447m	177.027m
Spiked Amount	200.000			Recovery	= 110.22%	88.51%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
3) L8 Aroclor-1260	8.34	7.87	665.3E6	112.4E6	111.468	155.752 #
4) L8 Aroclor-1260	{2}	9.01	8.12	442.2E6	151.5E6	192.242
5) L8 Aroclor-1260	{3}	9.49	9.71	1283.8E6	158.0E6	203.443
6) L8 Aroclor-1260	{4}	9.97	10.22	540.6E6	395.2E6	174.084
7) L8 Aroclor-1260	{5}	11.02	10.80	535.3E6	272.0E6	395.032
Sum Aroclor-1260				3467.3E6	1089.2E6	1076.269
Average Aroclor-1260					215.254	177.309
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
Data File : Y1969.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 25 Sep 2012 23:00  
Operator : YG  
Sample : U-38\_(6.0-,09301-033,S,5.01g,21.5,09/24/12,4  
Misc : 120924-11,09/13/12,09/13/12,1  
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 27 12:56:12 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
 Data File : Y1970.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 25 Sep 2012 23:17  
 Operator : YG  
 Sample : U-38\_(7.0-,09301-034,S,5.12g,19.2,09/24/12,4  
 Misc : 120924-11,09/13/12,09/13/12,1  
 ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 27 12:57:15 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

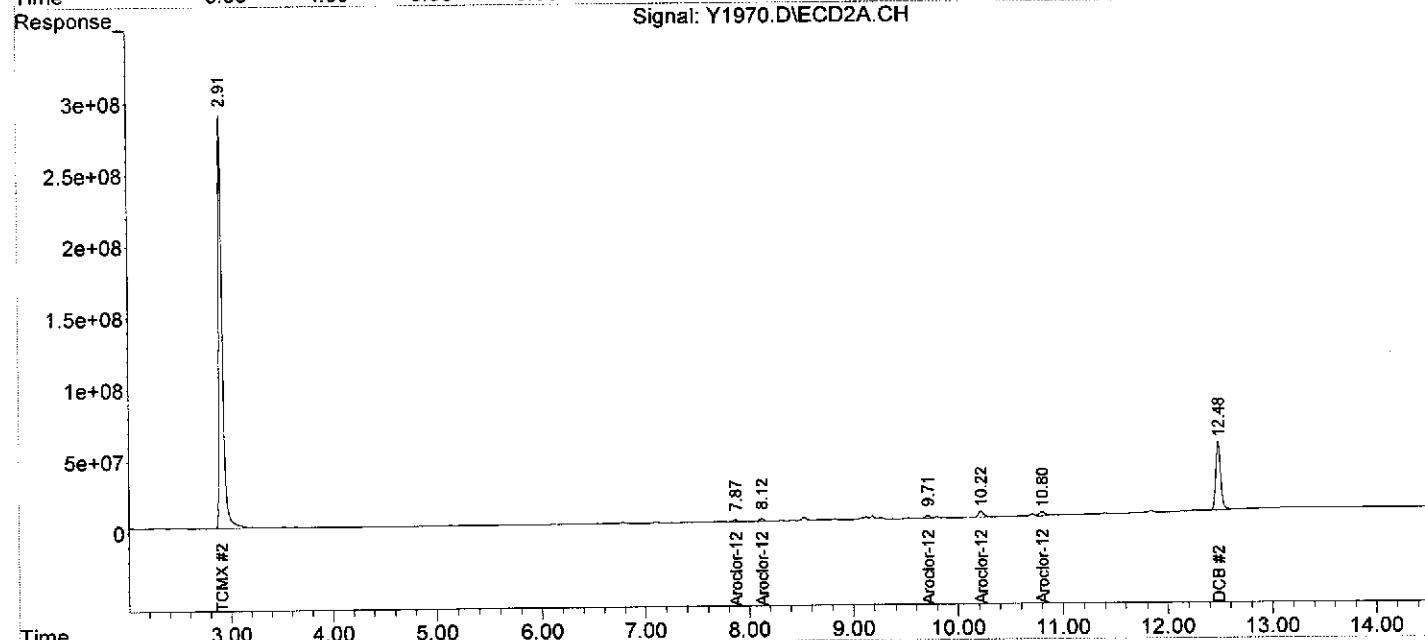
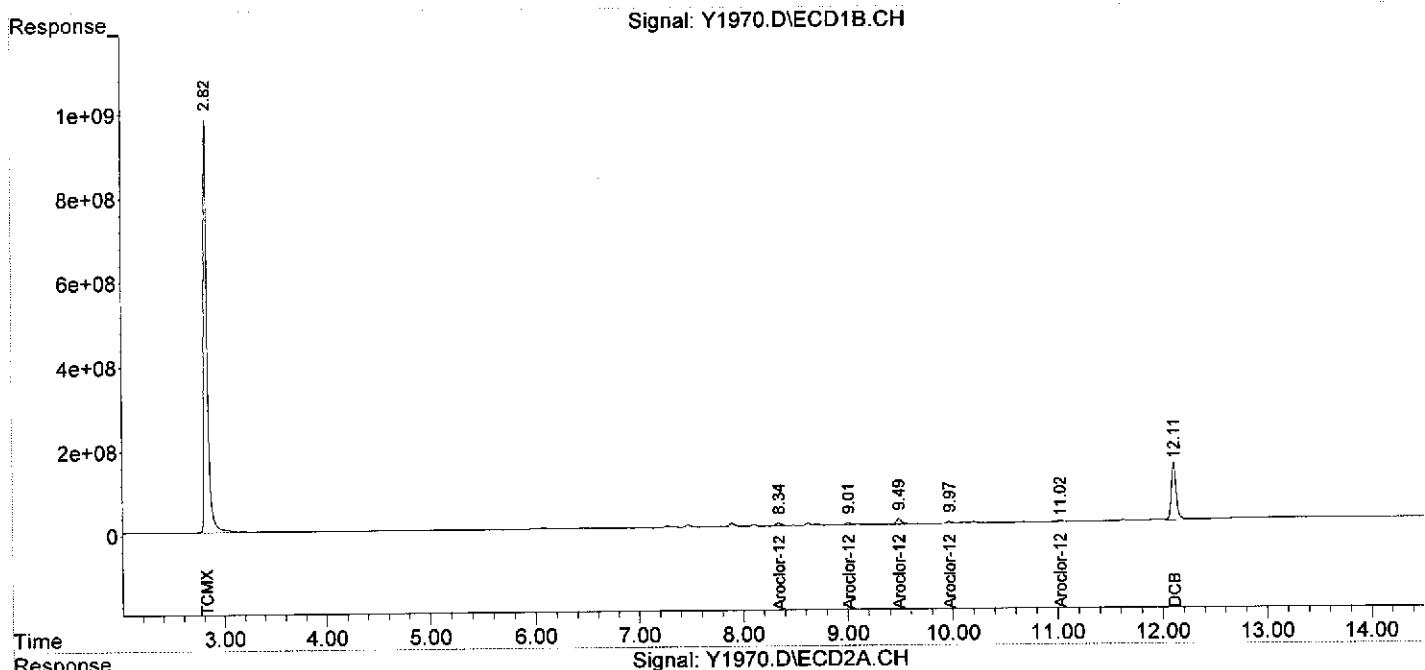
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.83	2.91	23927.6E6	7209.4E6	245.537	270.493
Spiked Amount	200.000			Recovery	= 122.77%	135.25%
2) S DCB	12.11	12.48	4411.3E6	1535.2E6	216.945	177.273m
Spiked Amount	200.000			Recovery	= 108.47%	88.64%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
3) L8 Aroclor-1260	8.34	7.87	250.6E6	42463502	41.985	58.851 #
4) L8 Aroclor-1260	{2}	9.01	8.12	166.4E6	58359647	72.331 55.976
5) L8 Aroclor-1260	{3}	9.49	9.71	474.2E6	65899884	75.148 76.270
6) L8 Aroclor-1260	{4}	9.97	10.22	189.7E6	192.0E6	61.070 99.809 #
7) L8 Aroclor-1260	{5}	11.03	10.80	114.0E6	119.6E6	84.104 86.633m
Sum Aroclor-1260				1194.8E6	478.3E6	334.637 377.539
Average Aroclor-1260					66.927	75.508
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
 Data File : Y1970.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 25 Sep 2012 23:17  
 Operator : YG  
 Sample : U-38\_(7.0-,09301-034,S,5.12g,19.2,09/24/12,4  
 Misc : 120924-11,09/13/12,09/13/12,1  
 ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 27 12:57:15 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\09-26-12\  
 Data File : Y1990.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 26 Sep 2012 17:48  
 Operator : YG  
 Sample : T-35\_(0-1.,09301-035,S,5.00g,29.3,09/24/12,4  
 Misc : 120924-11,09/13/12,09/13/12,1000  
 ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 27 09:39:16 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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#### System Monitoring Compounds

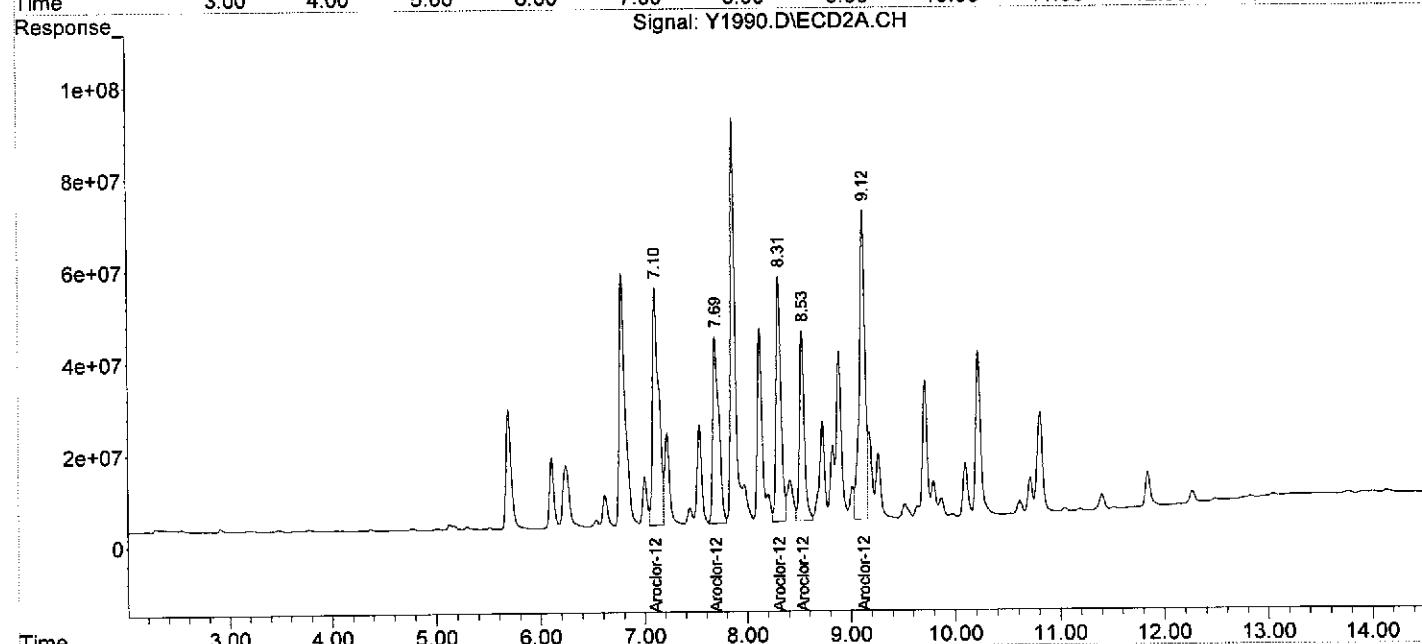
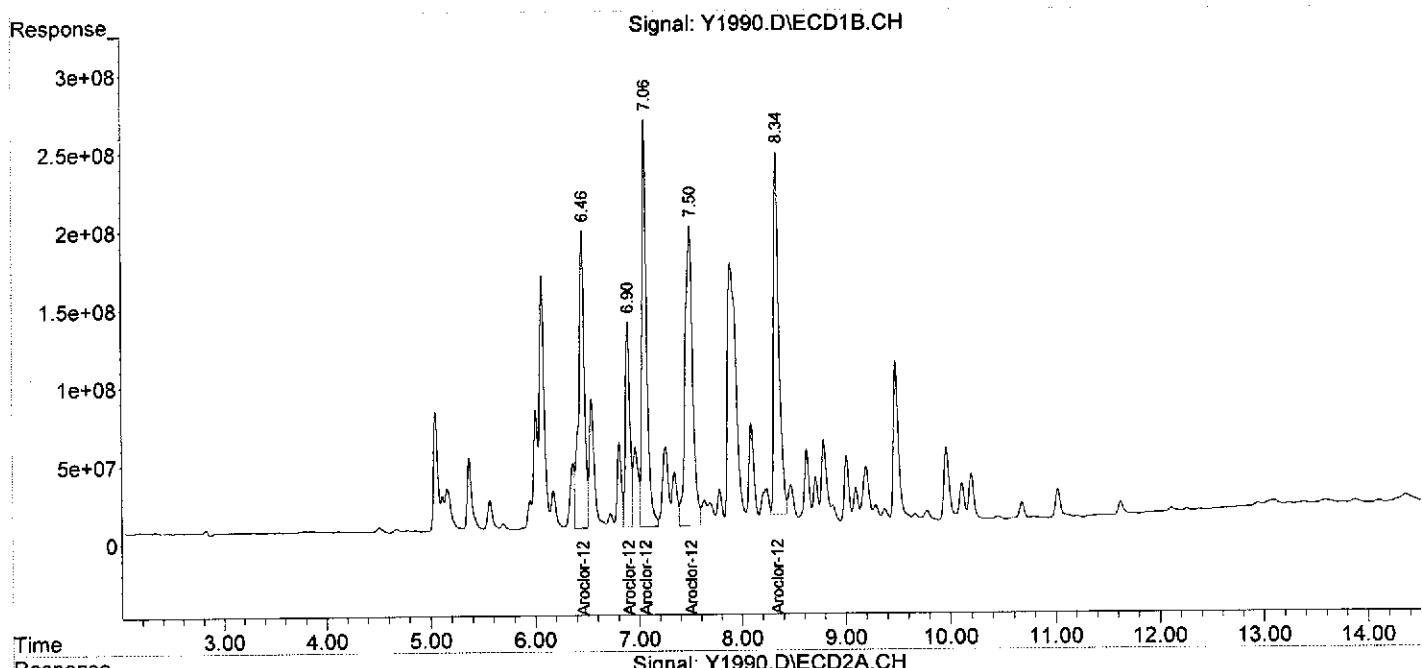
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
3) L7 Aroclor-1254	6.46	7.10	7128.2E6	2164.7E6	1597.471	1689.187
3) L7 Aroclor-1254 {2}	6.90	7.69	4000.5E6	1704.8E6	1457.432	1762.844
3) L7 Aroclor-1254 {3}	7.06	8.31	8307.8E6	1761.5E6	1578.328	1940.887
1) L7 Aroclor-1254 {4}	7.50	8.53	9773.0E6	1323.3E6	1895.156	2484.757 #
2) L7 Aroclor-1254 {5}	8.34	9.12	8176.8E6	2568.6E6	1923.808m	2049.508
Sum Aroclor-1254			37386.3E6	9522.9E6	8452.195	9927.183
Average Aroclor-1254					1690.439	1985.437
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\09-26-12\  
Data File : Y1990.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 26 Sep 2012 17:48  
Operator : YG  
Sample : T-35\_(0-1.,09301-035,S,5.00g,29.3,09/24/12,4  
Misc : 120924-11,09/13/12,09/13/12,1000  
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 27 09:39:16 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-26-12\  
 Data File : Y1991.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 26 Sep 2012 18:06  
 Operator : YG  
 Sample : T-35\_(1.0-,09301-036,S,5.27g,16.7,09/24/12,4  
 Misc : 120924-11,09/13/12,09/13/12,10  
 ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 27 09:47:44 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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## System Monitoring Compounds

1) S TCMX	2.83	2.91	1873.0E6	556.2E6	19.220	20.869
Spiked Amount	200.000			Recovery	=	9.61% 10.43%
2) S DCB	12.11	12.48	483.4E6	149.8E6	23.775m	17.300m#
Spiked Amount	200.000			Recovery	=	11.89% 8.65%

## Target Compounds

Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000

Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000

Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000

Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000

Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

8) L7 Aroclor-1254	6.46	7.10	2433.6E6	786.4E6	545.390	613.681
9) L7 Aroclor-1254 {2}	6.90	7.69	1507.6E6	634.3E6	549.224	655.866
0) L7 Aroclor-1254 {3}	7.06	8.31	3081.6E6	616.1E6	585.444	678.886
1) L7 Aroclor-1254 {4}	7.50	8.53	3652.3E6	583.2E6	708.247	1095.121 #
2) L7 Aroclor-1254 {5}	8.34	9.12	3496.0E6	1045.0E6	822.538	833.788
Sum Aroclor-1254			14171.1E6	3665.0E6	3210.843	3877.342
Average Aroclor-1254					642.169	775.468

3) L8 Aroclor-1260	8.34	7.87	3496.0E6	1005.8E6	585.706	1393.905 #
4) L8 Aroclor-1260 {2}	9.01	8.12	752.3E6	548.6E6	327.071	526.171 #
5) L8 Aroclor-1260 {3}	9.49	9.71	2173.5E6	488.5E6	344.423	565.348 #
6) L8 Aroclor-1260 {4}	9.97	10.22	861.9E6	791.7E6	277.540	411.554 #
7) L8 Aroclor-1260 {5}	11.02	10.80	899.6E6	726.9E6	663.931	526.726
Sum Aroclor-1260			8183.4E6	3561.4E6	2198.670	3423.704
Average Aroclor-1260					439.734	684.741

Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000

Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-26-12\  
Data File : Y1991.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 26 Sep 2012 18:06  
Operator : YG  
Sample : T-35\_(1.0-,09301-036,S,5.27g,16.7,09/24/12,4  
Misc : 120924-11,09/13/12,09/13/12,10  
ALS Vial : 3 Sample Multiplier: 1  
  
Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 27 09:47:44 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :

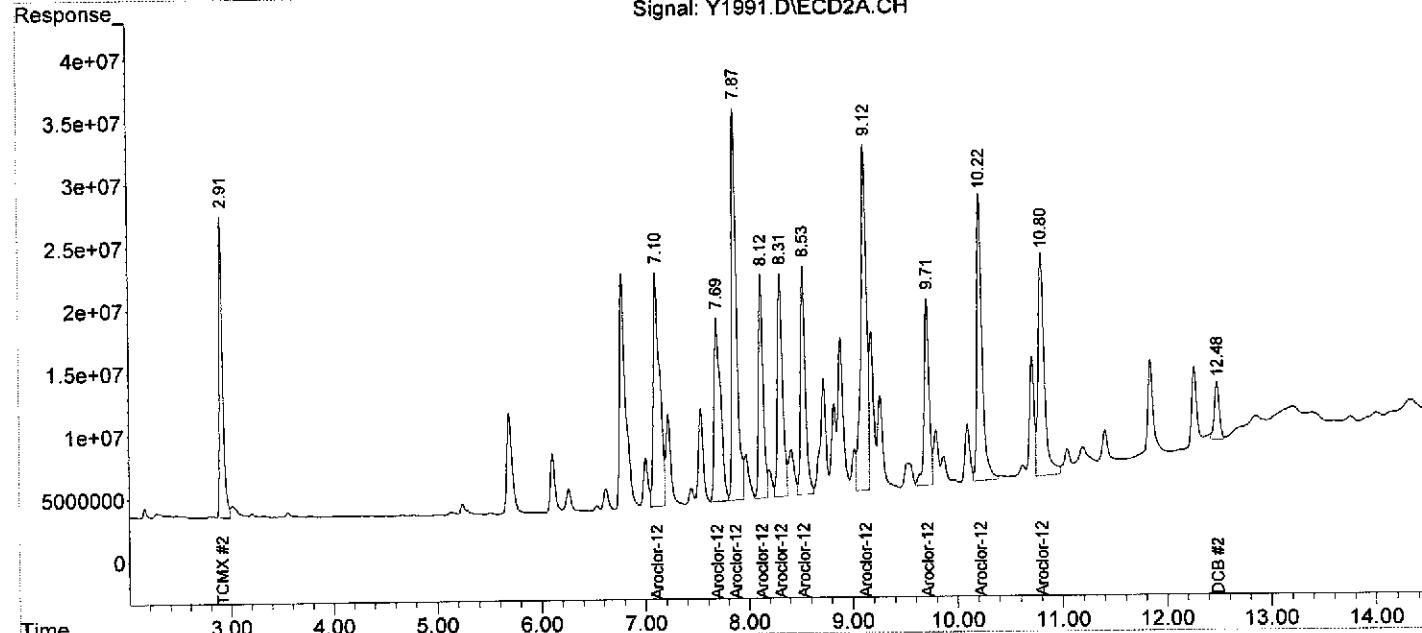
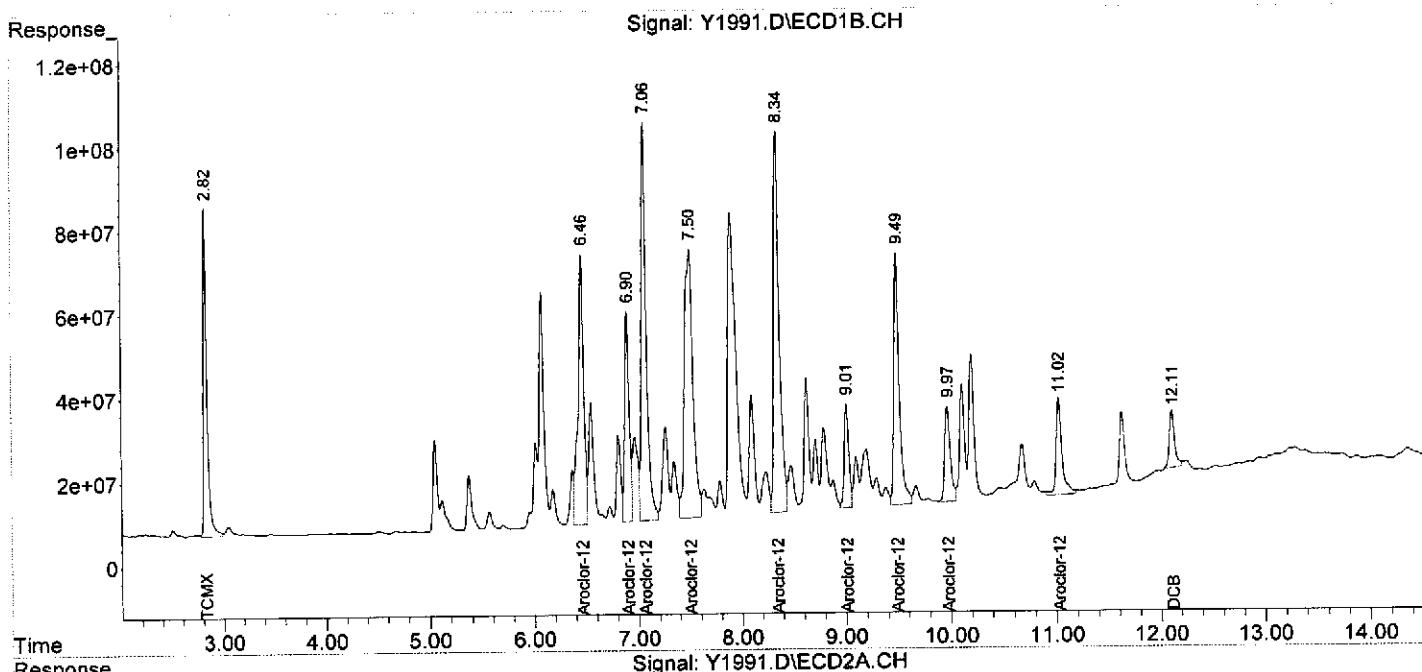
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----

-----  
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\09-26-12\  
 Data File : Y1991.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 26 Sep 2012 18:06  
 Operator : YG  
 Sample : T-35\_(1.0-,09301-036,S,5.27g,16.7,09/24/12,4  
 Misc : 120924-11,09/13/12,09/13/12,10  
 ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 27 09:47:44 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\09-26-12\  
 Data File : Y1992.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 26 Sep 2012 18:23  
 Operator : YG  
 Sample : T-35\_(2.0-,09301-037,S,5.07g,10.5,09/24/12,4  
 Misc : 120924-11,09/13/12,09/13/12,1  
 ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 27 09:51:09 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
) S TCMX	2.83	2.91	23672.1E6	6986.4E6	242.915	262.127
Spiked Amount	200.000			Recovery	= 121.46%	131.06%
) S DCB	12.11	12.49	4178.8E6	1452.8E6	205.511	167.765m
Spiked Amount	200.000			Recovery	= 102.76%	83.88%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
8) L9 Aroclor-1262	8.63	9.71	185.6E6	59566720	39.672	49.967 #
9) L9 Aroclor-1262	{2}	9.49	10.22	368.5E6	135.9E6	44.205
0) L9 Aroclor-1262	{3}	10.11	10.71	247.6E6	65498737	91.071
1) L9 Aroclor-1262	{4}	10.20	10.80	321.5E6	107.5E6	93.093
2) L9 Aroclor-1262	{5}	11.02	11.40	180.7E6	48514233	68.450
Sum Aroclor-1262				1304.0E6	417.0E6	336.491
Average Aroclor-1262						67.298
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

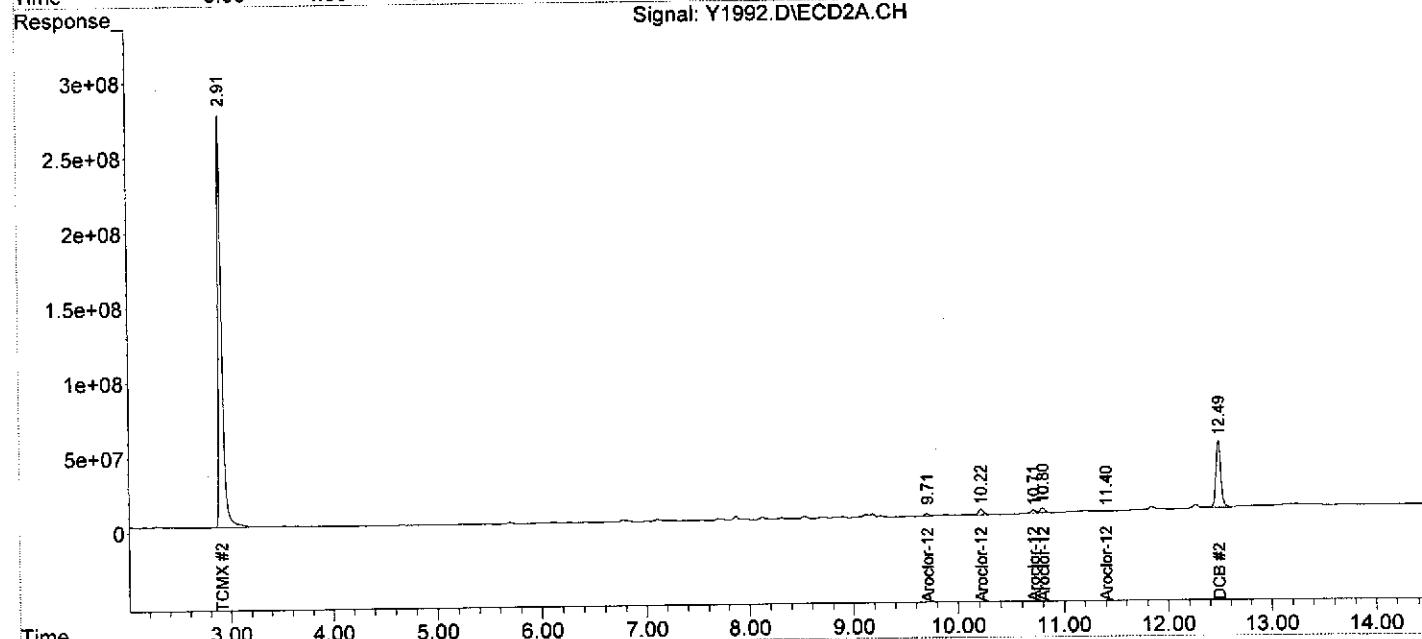
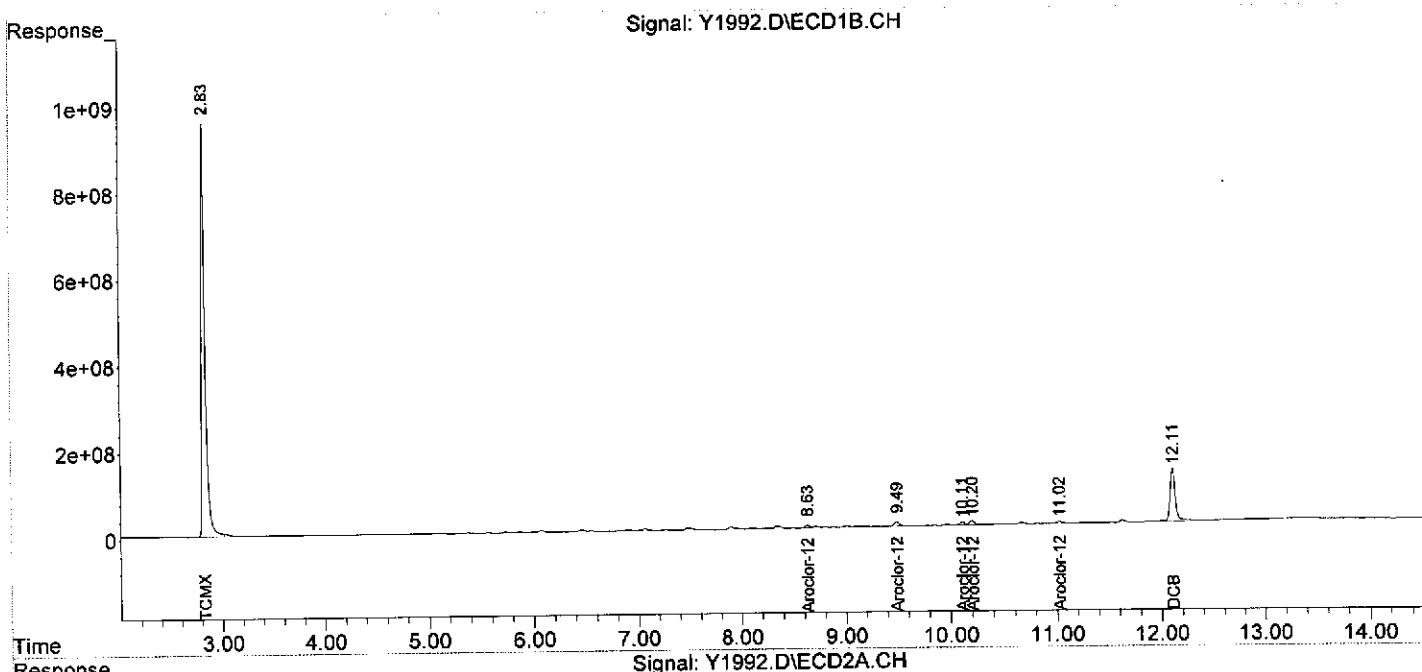
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-26-12\  
Data File : Y1992.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 26 Sep 2012 18:23  
Operator : YG  
Sample : T-35\_(2.0-,09301-037,S,5.07g,10.5,09/24/12,4  
Misc : 120924-11,09/13/12,09/13/12,1  
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 27 09:51:09 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
 Data File : Y1974.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 26 Sep 2012 00:26  
 Operator : YG  
 Sample : T-35\_(4.0-,09301-038,S,5.04g,77.2,09/24/12,4  
 Misc : 120924-11,09/13/12,09/13/12,1  
 ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 27 12:58:28 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

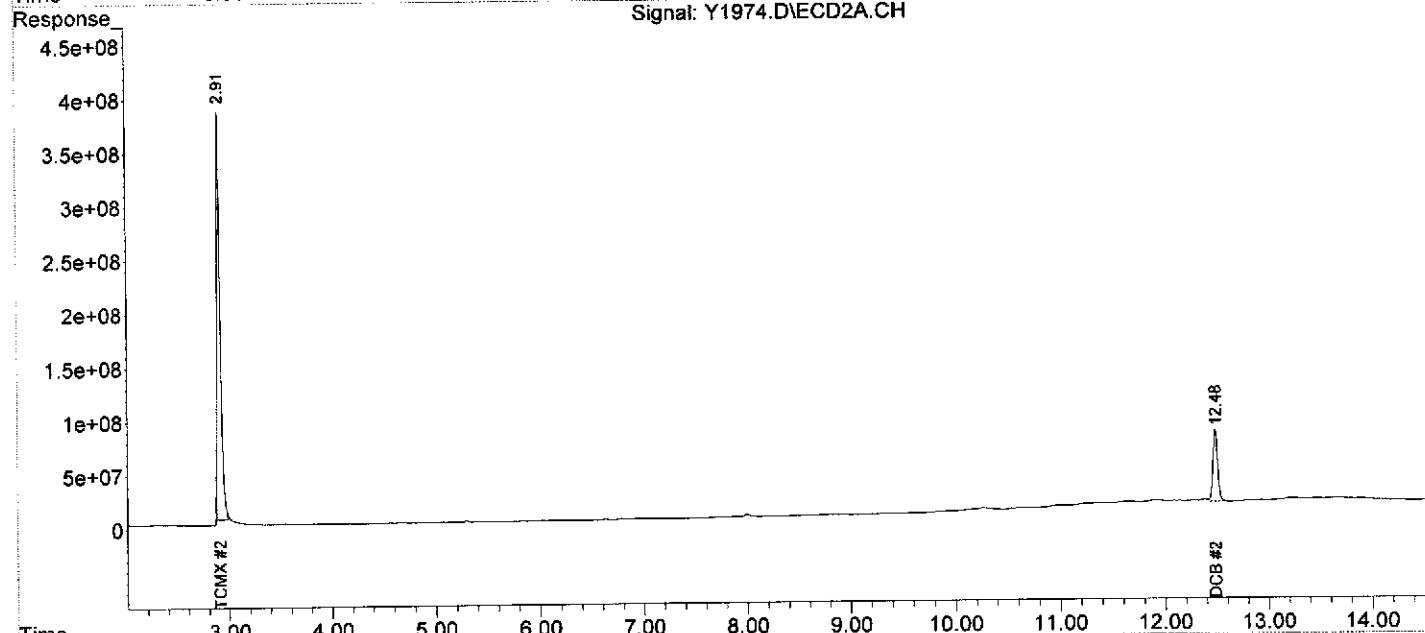
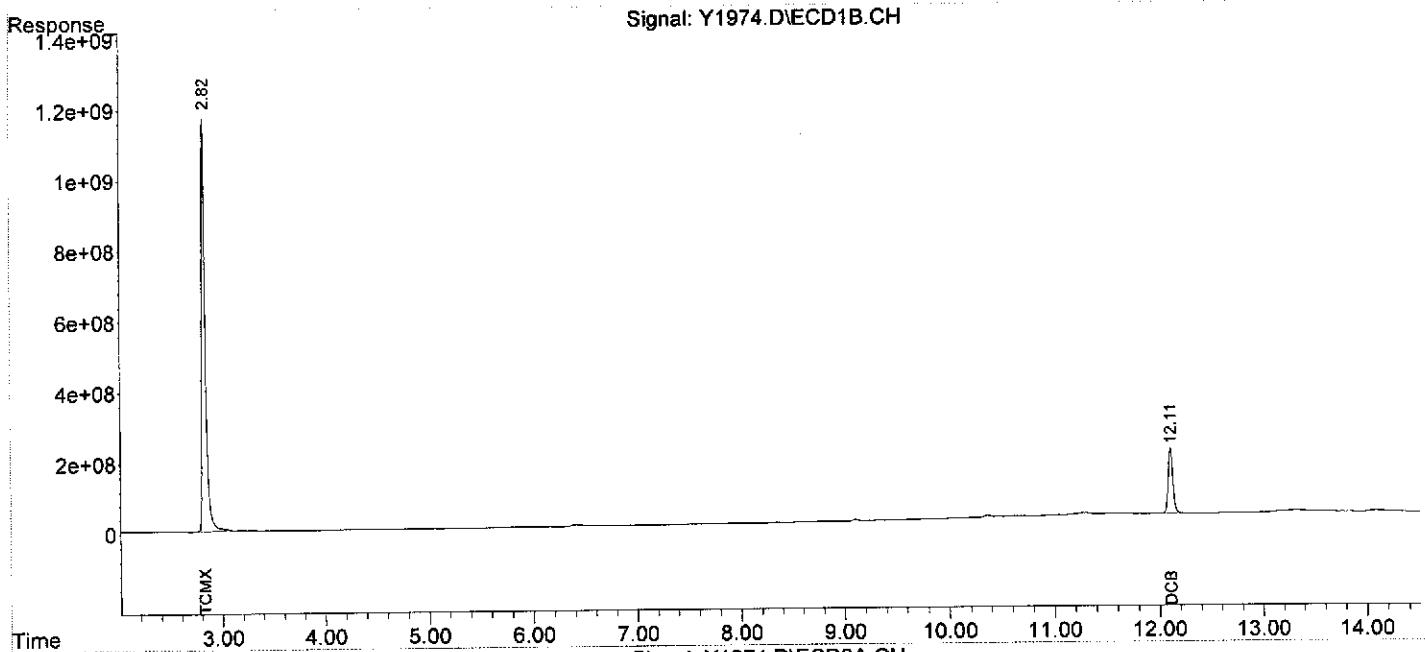
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
.) S TCMX	2.82	2.91	28888.7E6	8201.4E6	296.447	307.712m
Spiked Amount	200.000			Recovery	= 148.22%	153.86%
?) S DCB	12.11	12.48	5690.8E6	2106.4E6	279.871m	243.235m
Spiked Amount	200.000			Recovery	= 139.94%	121.62%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
Data File : Y1974.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 26 Sep 2012 00:26  
Operator : YG  
Sample : T-35\_(4.0-,09301-038,S,5.04g,77.2,09/24/12,4  
Misc : 120924-11,09/13/12,09/13/12,1  
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 27 12:58:28 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
 Data File : Y1975.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 26 Sep 2012 00:43  
 Operator : YG  
 Sample : T-35\_(5.0-,09301-039,S,5.31g,22.8,09/24/12,4  
 Misc : 120924-11,09/13/12,09/13/12,1  
 ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 27 13:01:26 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

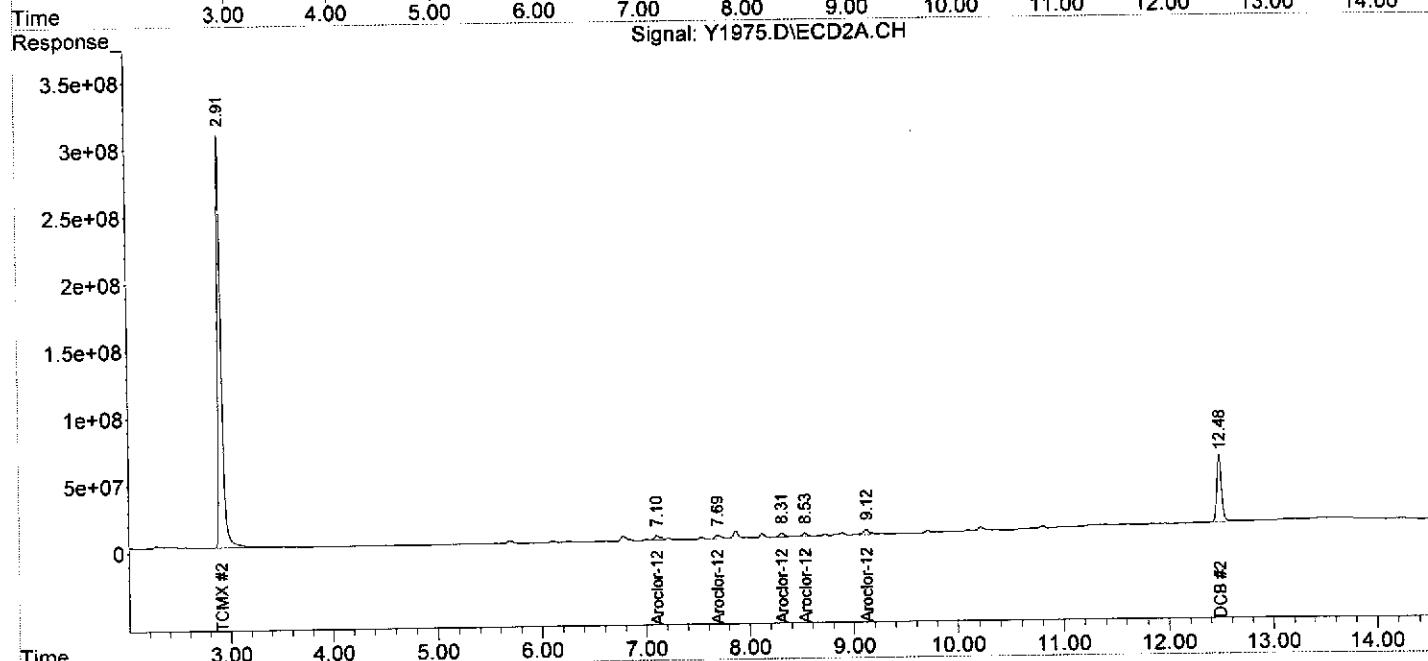
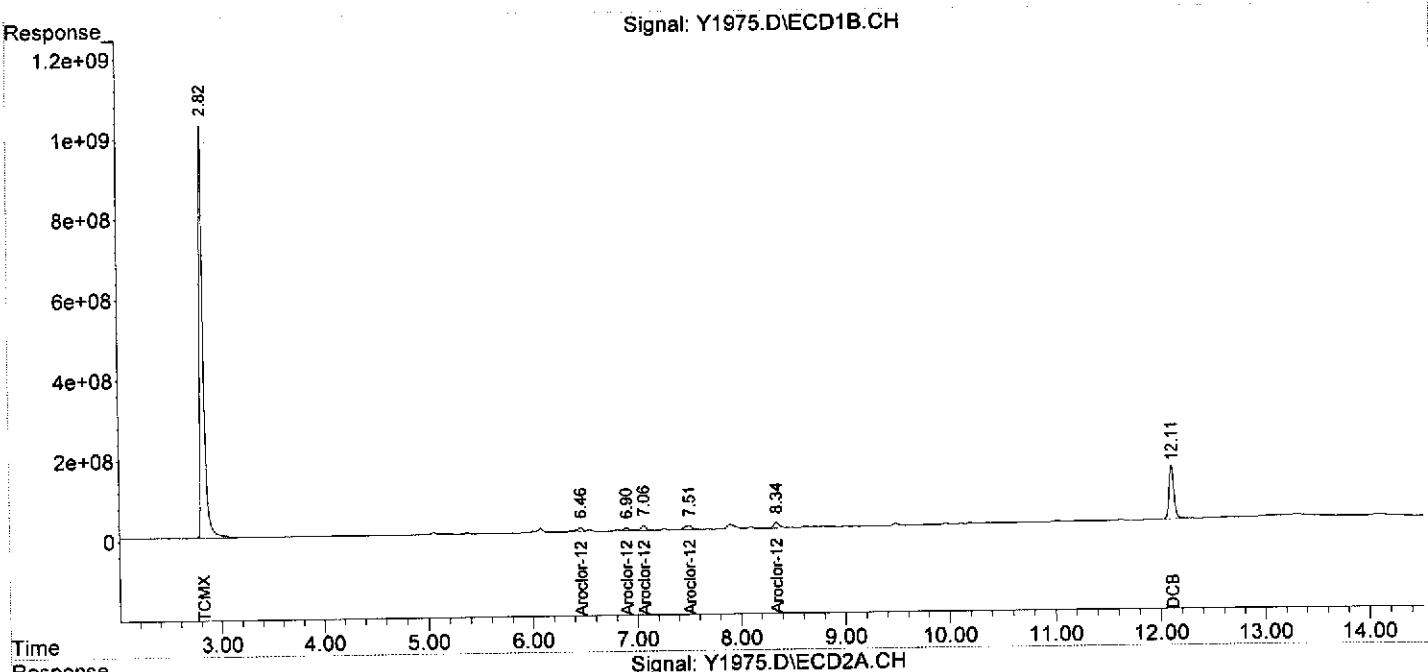
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
) S TCMX	2.83	2.91	25512.9E6	7636.2E6	261.805	286.507
Spiked Amount	200.000			Recovery	= 130.90%	143.25%
) S DCB	12.11	12.48	4315.4E6	1610.4E6	212.226m	185.962m
Spiked Amount	200.000			Recovery	= 106.11%	92.98%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
8) L7 Aroclor-1254	6.46	7.10	416.2E6	146.2E6	93.279	114.120
9) L7 Aroclor-1254 {2}	6.90	7.69	240.1E6	108.6E6	87.466	112.283 #
0) L7 Aroclor-1254 {3}	7.06	8.31	439.1E6	104.2E6	83.429	114.839 #
1) L7 Aroclor-1254 {4}	7.51	8.53	530.6E6	83365776	102.901	156.538 #
2) L7 Aroclor-1254 {5}	8.34	9.12	502.6E6	148.9E6	118.252	118.812
Sum Aroclor-1254			2128.7E6	591.3E6	485.326	616.591
Average Aroclor-1254					97.065	123.318
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
Data File : Y1975.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 26 Sep 2012 00:43  
Operator : YG  
Sample : T-35\_(5.0-,09301-039,S,5.31g,22.8,09/24/12,4  
Misc : 120924-11,09/13/12,09/13/12,1  
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 27 13:01:26 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
 Data File : Y1976.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 26 Sep 2012 1:00  
 Operator : YG  
 Sample : U-35\_(0-2.,09301-040,S,5.00g,25.2,09/24/12,4  
 Misc : 120924-11,09/13/12,09/13/12,100  
 ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 27 13:05:07 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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#### System Monitoring Compounds

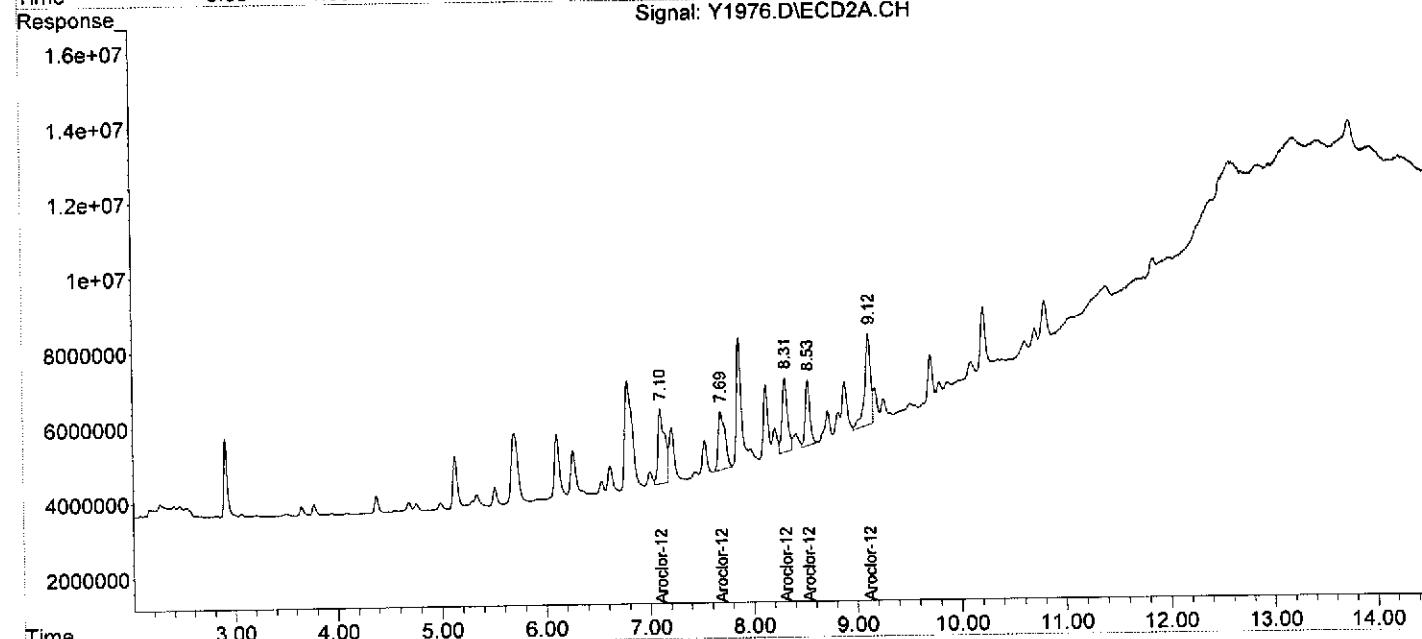
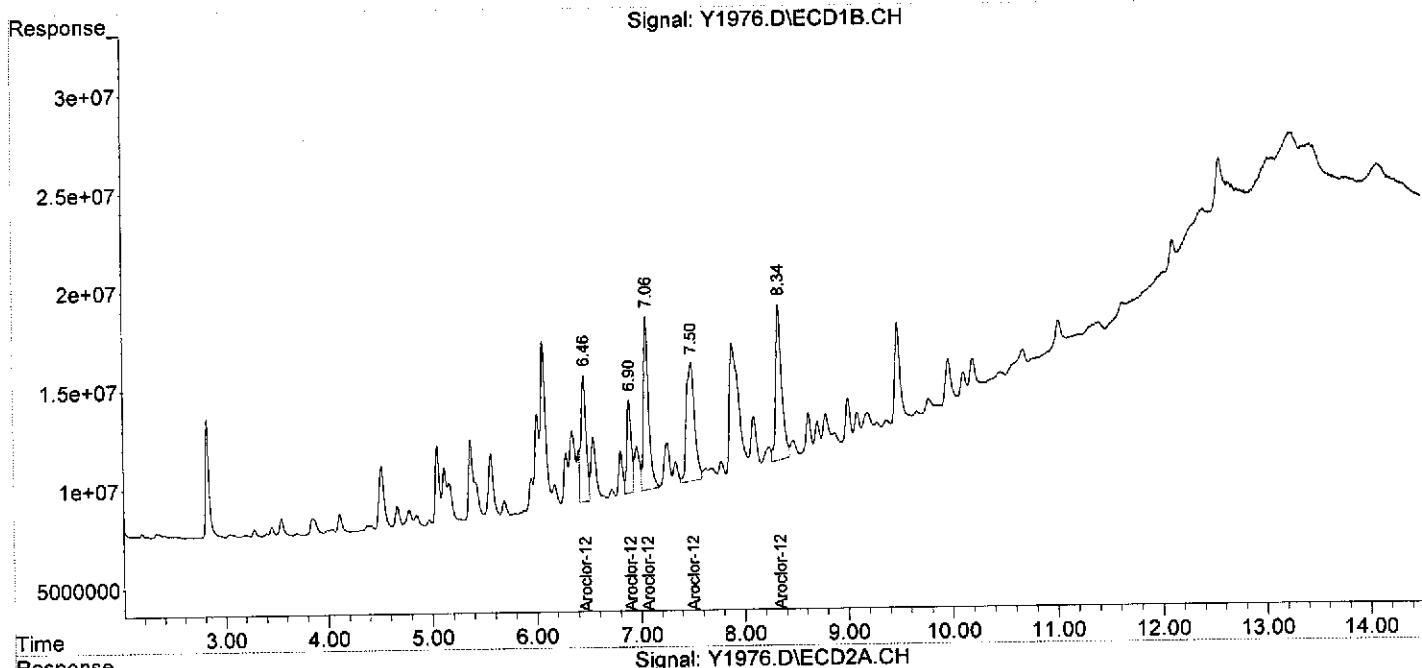
Target Compounds					N.D.	N.D.
Sum Aroclor-1016			0	0	0.000	0.000
Average Aroclor-1016						
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
8) L7 Aroclor-1254	6.46	7.10	213.5E6	92060747	47.846	71.838 #
9) L7 Aroclor-1254	{2}	6.90	7.69	142.6E6	71353935	73.783 #
0) L7 Aroclor-1254	{3}	7.06	8.31	292.6E6	70854020	55.591
1) L7 Aroclor-1254	{4}	7.50	8.53	331.8E6	54375440	64.334
2) L7 Aroclor-1254	{5}	8.34	9.12	316.3E6	96385893	74.414
Sum Aroclor-1254				1296.7E6	385.0E6	102.102 #
Average Aroclor-1254					294.119	402.701
					58.824	80.540
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
Data File : Y1976.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 26 Sep 2012 1:00  
Operator : YG  
Sample : U-35\_(0-2.,09301-040,S,5.00g,25.2,09/24/12,4  
Misc : 120924-11,09/13/12,09/13/12,100  
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 27 13:05:07 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-27-12\  
 Data File : Y2044.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 27 Sep 2012 14:03  
 Operator : YG  
 Sample : U-35\_(2.0-,09301-041,S,5.25g,25.2,09/24/12,4  
 Misc : 120924-12,09/13/12,09/13/12,1  
 ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 28 09:31:40 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
.) S TCMX	2.82	2.91	22155.4E6	7082.4E6	227.352	265.728
Spiked Amount	200.000			Recovery	= 113.68%	132.86%
.) S DCB	12.11	12.48	4226.8E6	1549.9E6	207.870	178.978
Spiked Amount	200.000			Recovery	= 103.94%	89.49%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
3) L6 Aroclor-1248	4.52	5.13	1239.4E6	397.0E6	338.476	382.004
4) L6 Aroclor-1248 {2}	5.05	5.72	1115.2E6	1414.8E6	556.188	922.842 #
5) L6 Aroclor-1248 {3}	5.37	6.10	1391.1E6	561.5E6	557.458	517.383m
6) L6 Aroclor-1248 {4}	6.07	6.26	3555.3E6	570.1E6	785.801	579.261 #
7) L6 Aroclor-1248 {5}	0.00	6.62	0	263.4E6	N.D. d	491.359 #
Sum Aroclor-1248			7300.9E6	3206.8E6	2237.923	2892.848
Average Aroclor-1248					559.481	578.570
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
3) L8 Aroclor-1260	8.34	7.87	3819.1E6	1227.6E6	639.828	1701.378 #
4) L8 Aroclor-1260 {2}	9.01	8.12	464.9E6	491.1E6	202.108	471.085 #
5) L8 Aroclor-1260 {3}	9.48	9.71	1496.1E6	435.1E6	237.081	503.578 #
6) L8 Aroclor-1260 {4}	9.96	10.22	736.8E6	555.6E6	237.233	288.857
7) L8 Aroclor-1260 {5}	11.02	10.80	265.2E6	376.4E6	195.751	272.728 #
Sum Aroclor-1260			6782.1E6	3085.9E6	1512.000	3237.625
Average Aroclor-1260					302.400	647.525
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Data Path : C:\MSDCHEM\1\DATA\09-27-12\  
Data File : Y2044.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 27 Sep 2012 14:03  
Operator : YG  
Sample : U-35\_(2.0-,09301-041,S,5.25g,25.2,09/24/12,4  
Misc : 120924-12,09/13/12,09/13/12,1  
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 28 09:31:40 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----

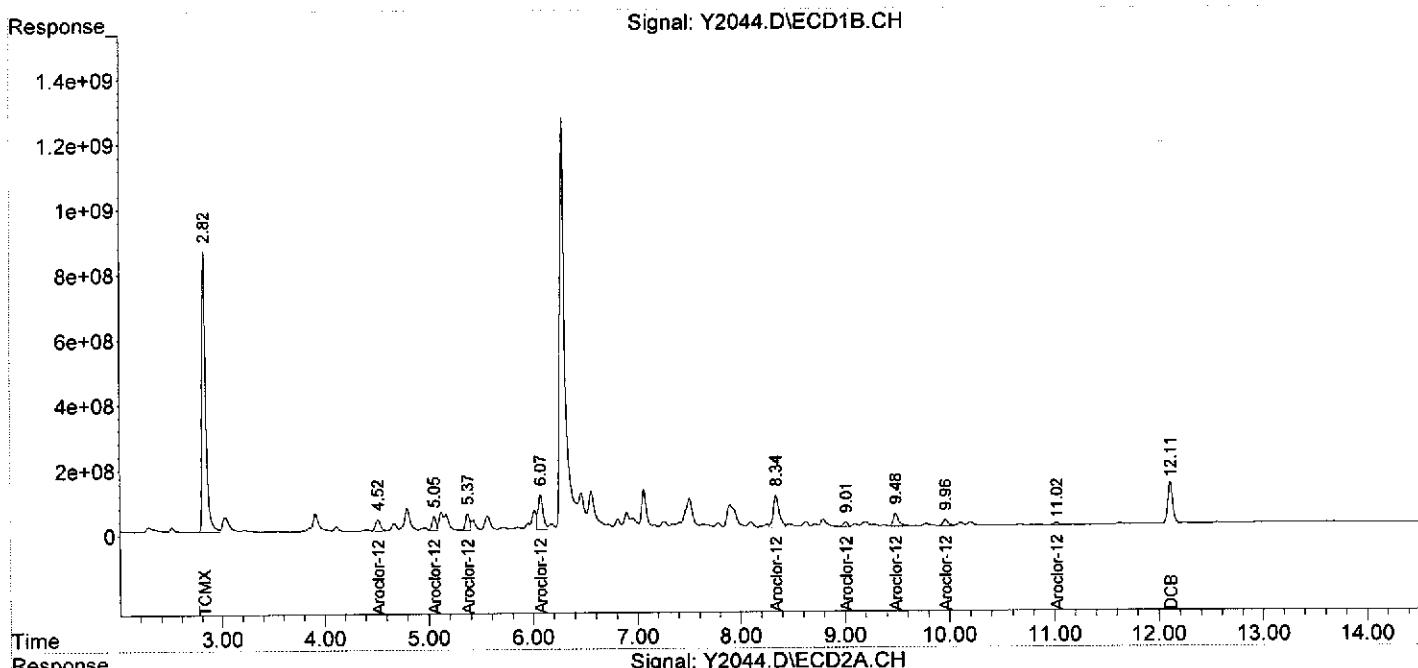
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
---

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-27-12\  
Data File : Y2044.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 27 Sep 2012 14:03  
Operator : YG  
Sample : U-35\_(2.0-,09301-041,S,5.25g,25.2,09/24/12,4  
Misc : 120924-12,09/13/12,09/13/12,1  
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 28 09:31:40 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-27-12\  
 Data File : Y2045.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 27 Sep 2012 14:20  
 Operator : YG  
 Sample : U-35\_(4.0-,09301-042,S,5.12g,66.1,09/24/12,4  
 Misc : 120924-12,09/13/12,09/13/12,1  
 ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 28 09:32:35 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
) S TCMX	2.83	2.91	26679.8E6	8081.9E6	273.780	303.229m
Spiked Amount	200.000			Recovery	= 136.89%	151.61%
) S DCB	12.11	12.48	4794.2E6	1832.5E6	235.775m	211.614m
Spiked Amount	200.000			Recovery	= 117.89%	105.81%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
) L6 Aroclor-1248	4.52	5.13	190.3E6	73401509	51.970	70.630 #
1) L6 Aroclor-1248 {2}	5.05	5.70	333.4E6	263.6E6	166.271	171.972
5) L6 Aroclor-1248 {3}	5.37	6.07	1579.0E6	507.3E6	632.758	467.397 #
5) L6 Aroclor-1248 {4}	6.07	6.26	1224.1E6	134.7E6	270.562	136.826 #
7) L6 Aroclor-1248 {5}	0.00	6.62	0	138.2E6	N.D. d	257.898 #
Sum Aroclor-1248			3326.8E6	1117.2E6	1121.562	1104.723
Average Aroclor-1248					280.390	220.945
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
) L8 Aroclor-1260	8.34	7.87	1915.9E6	477.5E6	320.975	661.707 #
4) L8 Aroclor-1260 {2}	9.01	8.12	525.9E6	261.6E6	228.639	250.932
5) L8 Aroclor-1260 {3}	9.49	9.71	1394.4E6	348.3E6	220.961	403.154 #
6) L8 Aroclor-1260 {4}	9.97	10.22	561.3E6	830.4E6	180.741	431.696 #
7) L8 Aroclor-1260 {5}	11.02	10.80	385.6E6	539.7E6	284.550	391.080 #
Sum Aroclor-1260			4783.0E6	2457.5E6	1235.866	2138.570
Average Aroclor-1260					247.173	427.714
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-27-12\  
Data File : Y2045.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 27 Sep 2012 14:20  
Operator : YG  
Sample : U-35\_(4.0-,09301-042,S,5.12g,66.1,09/24/12,4  
Misc : 120924-12,09/13/12,09/13/12,1  
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 28 09:32:35 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :

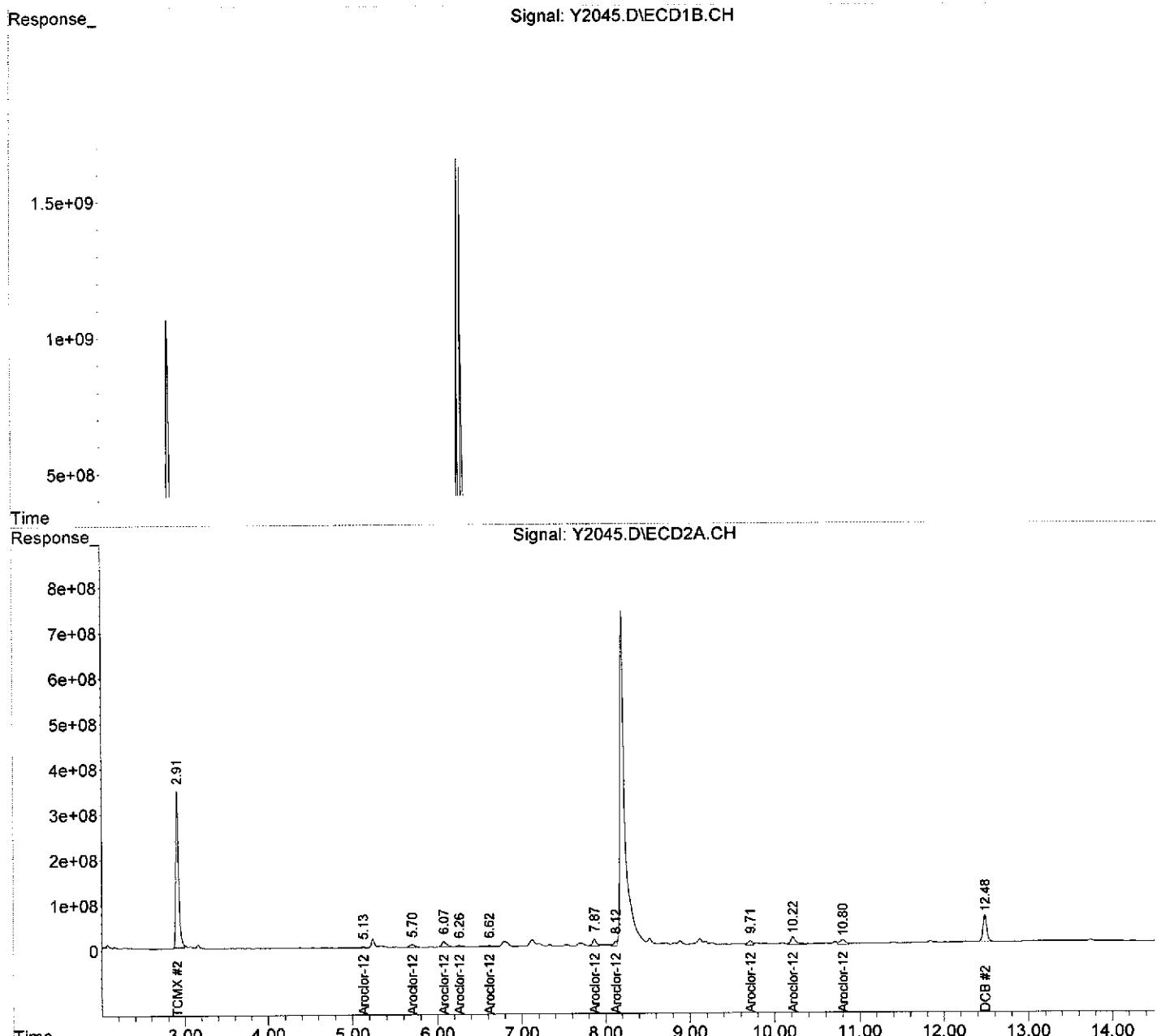
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

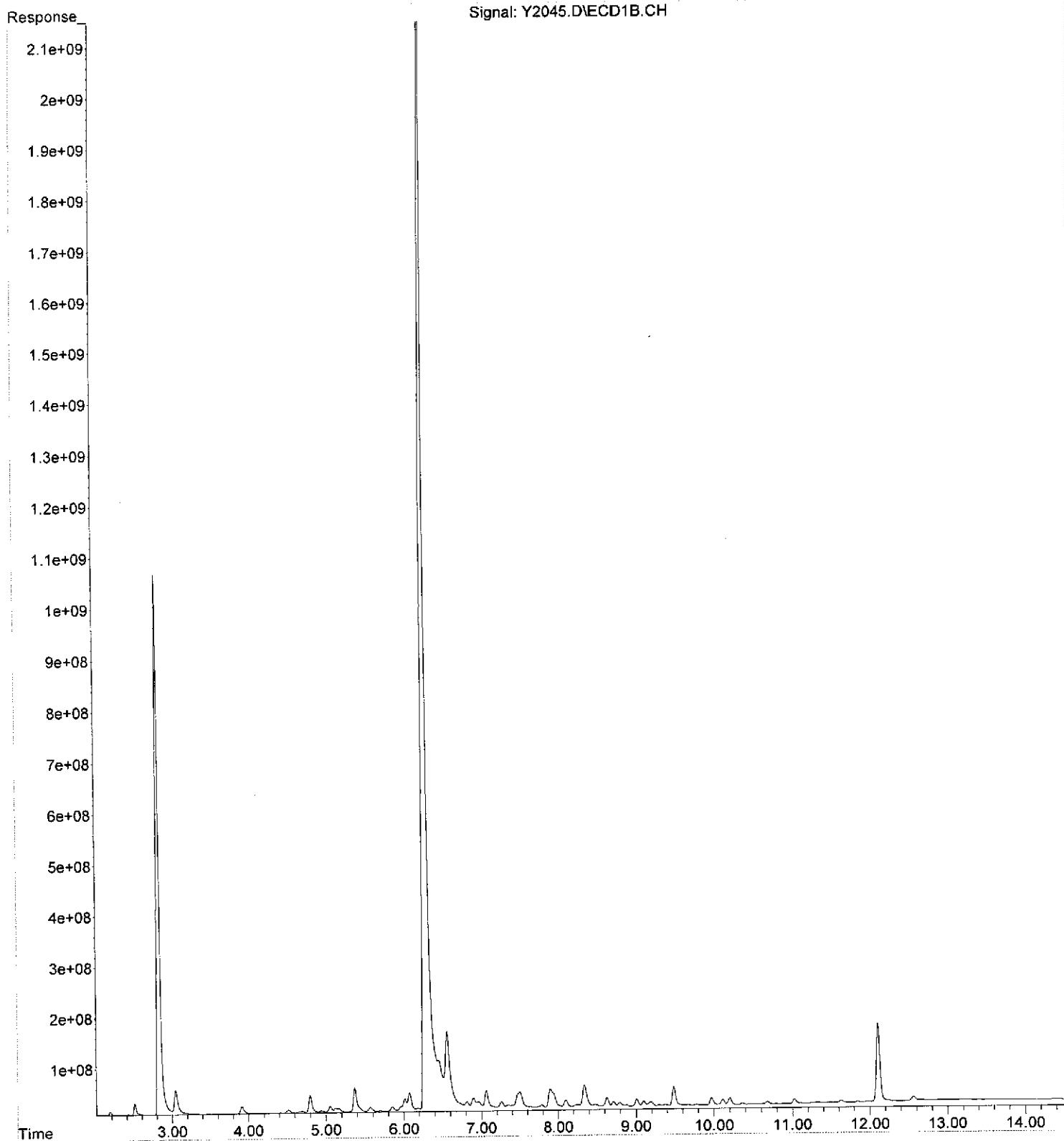
Data Path : C:\MSDCHEM\1\DATA\09-27-12\  
Data File : Y2045.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 27 Sep 2012 14:20  
Operator : YG  
Sample : U-35\_(4.0-,09301-042,S,5.12g,66.1,09/24/12,4  
Misc : 120924-12,09/13/12,09/13/12,1  
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 28 09:32:35 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



File : C:\MSDChem\1\DATA\09-27-12\Y2045.D  
Operator : YG  
Acquired : 27 Sep 2012 14:20 using AcqMethod YPCB0827.M  
Instrument : GC\_Y  
Sample Name: U-35\_(4.0-, 09301-042, S, 5.12g, 66.1, 09/24/12, 4  
Misc Info : 120924-12, 09/13/12, 09/13/12, 1  
Vial Number: 7



Data Path : C:\MSDCHEM\1\DATA\09-27-12\  
 Data File : Y2046.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 27 Sep 2012 14:38  
 Operator : YG  
 Sample : U-35\_(5.25,09301-043,S,5.36g,25.1,09/24/12,4  
 Misc : 120924-12,09/13/12,09/13/12,1  
 ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 28 09:33:30 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

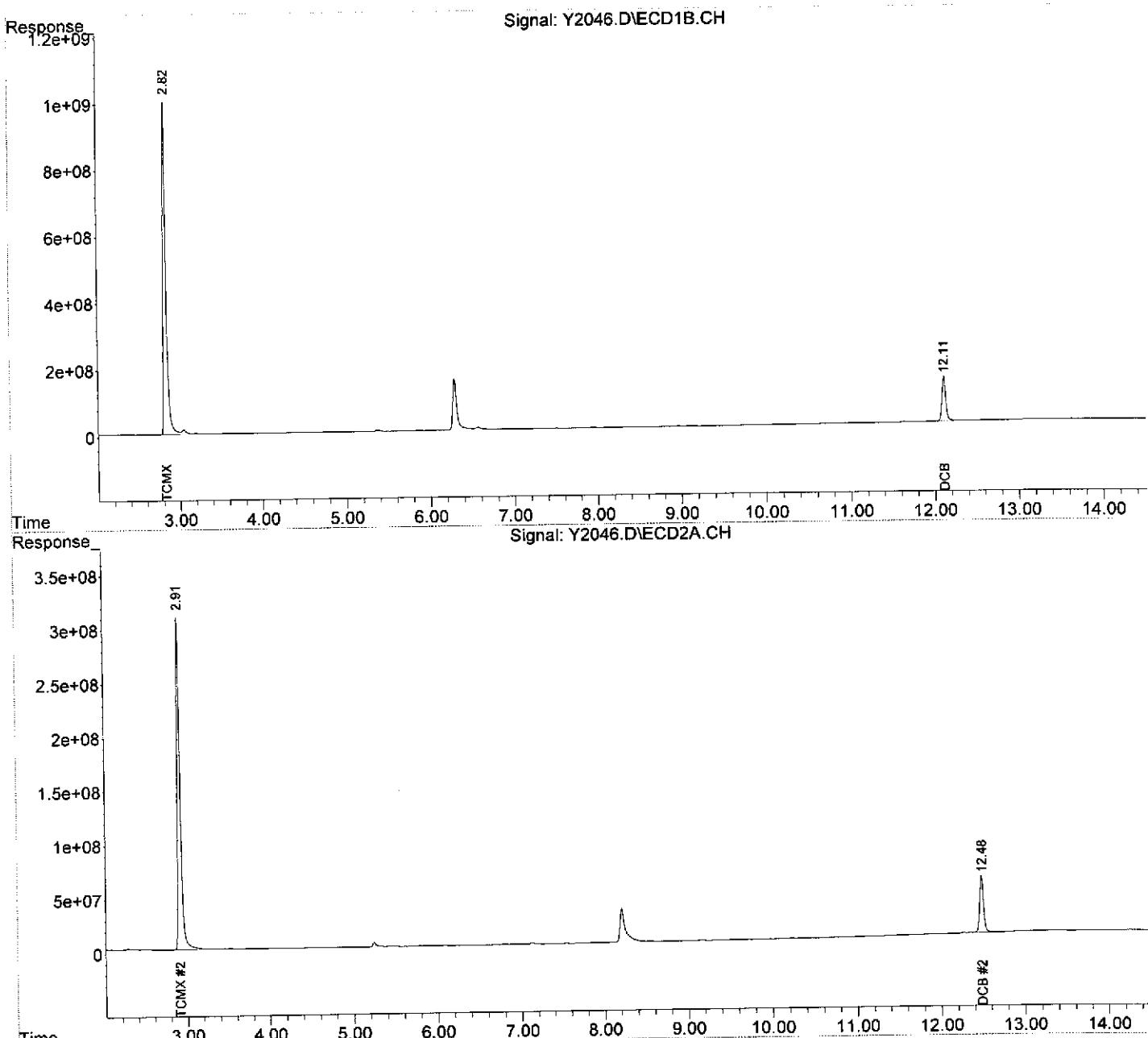
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
) S TCMX	2.82	2.91	25101.5E6	7740.6E6	257.583	290.424
Spiked Amount	200.000			Recovery	= 128.79%	145.21%
) S DCB	12.11	12.48	4258.1E6	1687.2E6	209.409m	194.836m
Spiked Amount	200.000			Recovery	= 104.70%	97.42%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\09-27-12\  
Data File : Y2046.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 27 Sep 2012 14:38  
Operator : YG  
Sample : U-35\_(5.25,09301-043,S,5.36g,25.1,09/24/12,4  
Misc : 120924-12,09/13/12,09/13/12,1  
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 28 09:33:30 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\09-27-12\  
 Data File : Y2047.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 27 Sep 2012 15:19  
 Operator : YG  
 Sample : Z-32\_(0-2.,09301-044,S,5.14g,12.1,09/24/12,4  
 Misc : 120924-12,09/13/12,09/13/12,100  
 ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 28 09:36:24 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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#### System Monitoring Compounds

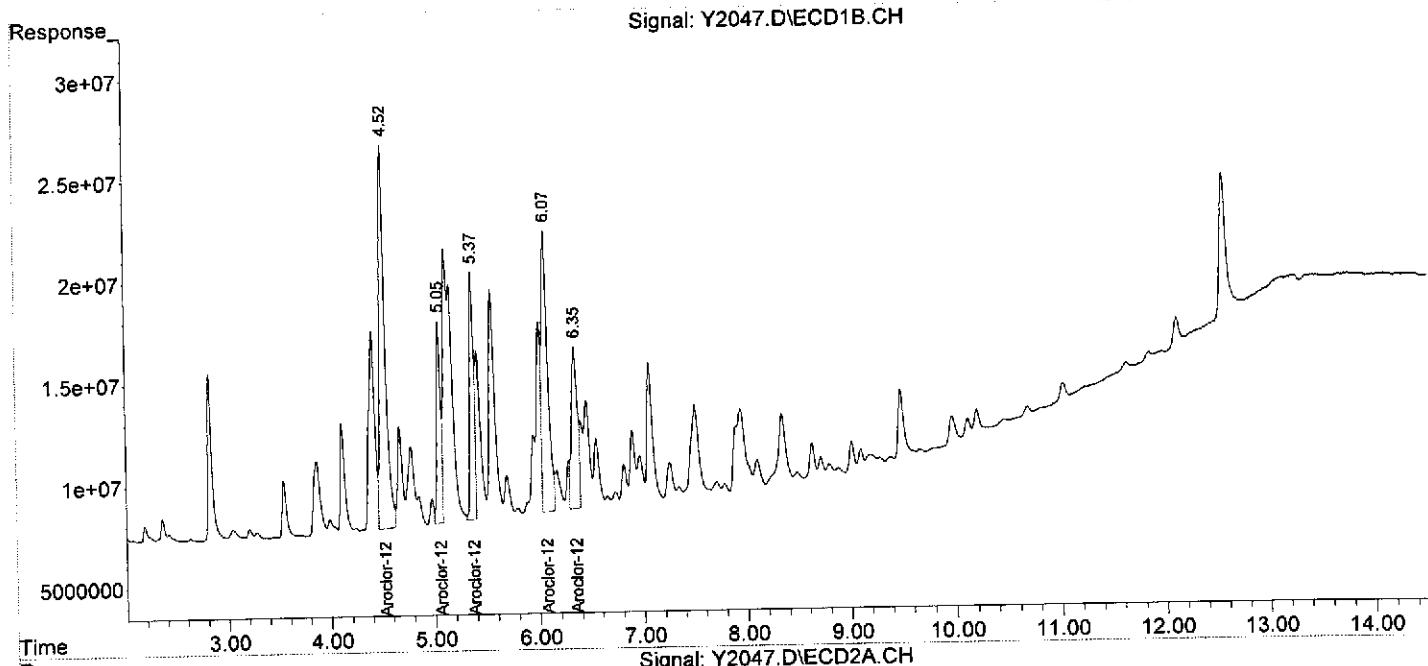
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
1) L6 Aroclor-1248	4.52	5.14	738.9E6	245.2E6	201.802	235.983
1) L6 Aroclor-1248	{2}	5.05	5.72	277.3E6	359.0E6	138.310
1) L6 Aroclor-1248	{3}	5.37	6.12	342.4E6	190.4E6	137.230
1) L6 Aroclor-1248	{4}	6.07	6.27	546.8E6	160.2E6	120.850
1) L6 Aroclor-1248	{5}	6.35	6.63	317.6E6	58522490	101.228
Sum Aroclor-1248				2223.1E6	1013.4E6	699.420
Average Aroclor-1248					139.884	917.578
Sum Aroclor-1248						183.516
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\09-27-12\  
Data File : Y2047.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 27 Sep 2012 15:19  
Operator : YG  
Sample : Z-32\_(0-2.,09301-044,S,5.14g,12.1,09/24/12,4  
Misc : 120924-12,09/13/12,09/13/12,100  
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 28 09:36:24 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-27-12\  
 Data File : Y2048.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 27 Sep 2012 15:36  
 Operator : YG  
 Sample : Z-32\_(2.0-,09301-045,S,5.01g,20.5,09/24/12,4  
 Misc : 120924-12,09/13/12,09/13/12,10  
 ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 28 09:37:38 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
) S TCMX	2.83	2.91	1853.1E6	612.7E6	19.015	22.989
Spiked Amount	200.000			Recovery	= 9.51%	11.49%
) S DCB	12.11	12.48	446.9E6	143.0E6	21.980m	16.513m
Spiked Amount	200.000			Recovery	= 10.99%	8.26%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
3) L6 Aroclor-1248	4.52	5.13	1050.2E6	344.5E6	286.810	331.535
4) L6 Aroclor-1248	{2}	5.05	5.71	320.3E6	363.8E6	159.728
5) L6 Aroclor-1248	{3}	5.37	6.11	787.1E6	292.1E6	315.406
6) L6 Aroclor-1248	{4}	6.07	6.26	1168.2E6	247.2E6	258.195
7) L6 Aroclor-1248	{5}	6.34	6.62	1015.0E6	169.3E6	323.512
Sum Aroclor-1248				4340.7E6	1417.0E6	1343.651
Average Aroclor-1248					268.730	281.025
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
3) L8 Aroclor-1260	8.34	7.87	770.4E6	252.9E6	129.075	350.565
4) L8 Aroclor-1260	{2}	9.01	8.12	212.3E6	142.6E6	92.303
5) L8 Aroclor-1260	{3}	9.49	9.71	556.7E6	95345229	88.226
6) L8 Aroclor-1260	{4}	9.97	10.22	211.3E6	193.5E6	68.023
7) L8 Aroclor-1260	{5}	11.02	10.80	167.3E6	122.5E6	123.481
Sum Aroclor-1260				1918.1E6	806.9E6	501.108
Average Aroclor-1260					100.222	157.408
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-27-12\  
Data File : Y2048.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 27 Sep 2012 15:36  
Operator : YG  
Sample : Z-32\_(2.0-,09301-045,S,5.01g,20.5,09/24/12,4  
Misc : 120924-12,09/13/12,09/13/12,10  
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E

Integration File signal 2: EVENTS2.E

Quant Time: Sep 28 09:37:38 2012

Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M

Quant Title :

QLast Update : Mon Sep 17 10:45:37 2012

Response via : Initial Calibration

Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :

Signal #2 Phase:

Signal #1 Phase :

Signal #2 Info :

Signal #1 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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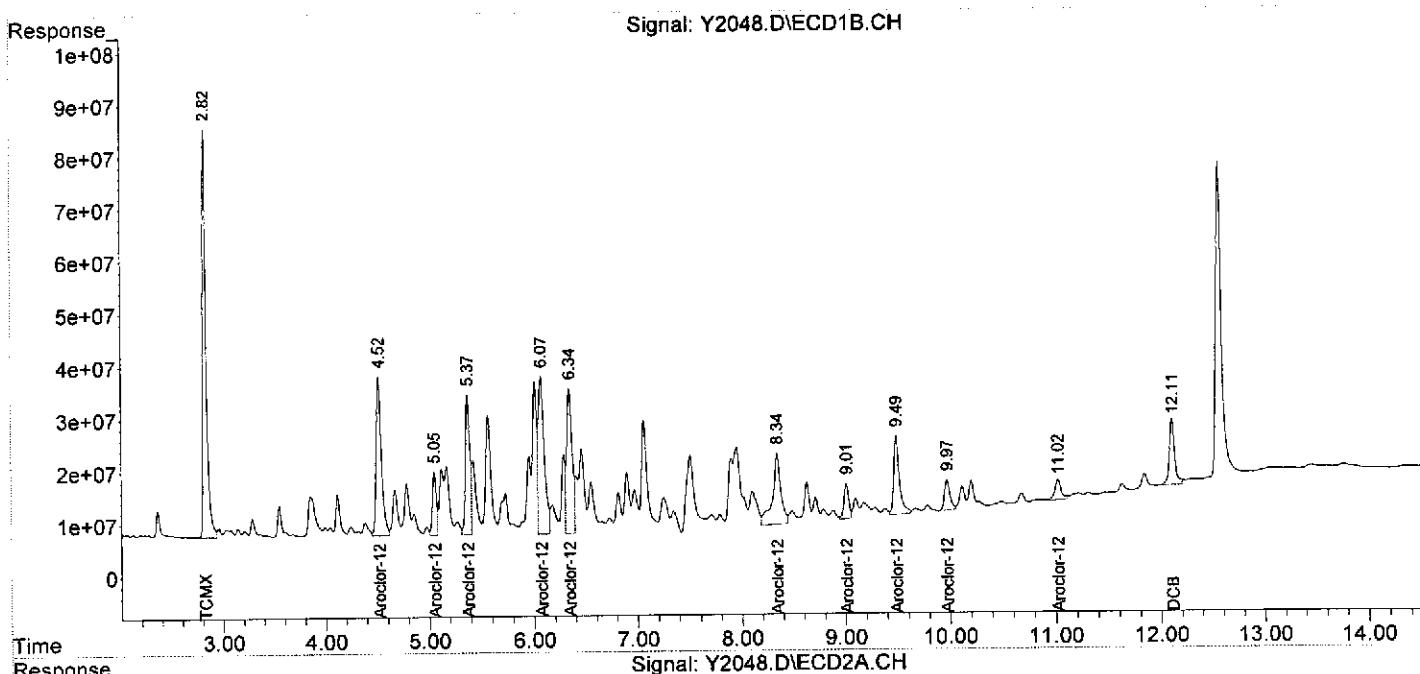
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-27-12\  
Data File : Y2048.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 27 Sep 2012 15:36  
Operator : YG  
Sample : Z-32\_(2.0-,09301-045,S,5.01g,20.5,09/24/12,4  
Misc : 120924-12,09/13/12,09/13/12,10  
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 28 09:37:38 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\09-27-12\  
 Data File : Y2049.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 27 Sep 2012 15:53  
 Operator : YG  
 Sample : Z-32\_(4.0-,09301-046,S,5.11g,11.8,09/24/12,4  
 Misc : 120924-12,09/13/12,09/13/12,1  
 ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 28 09:39:10 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

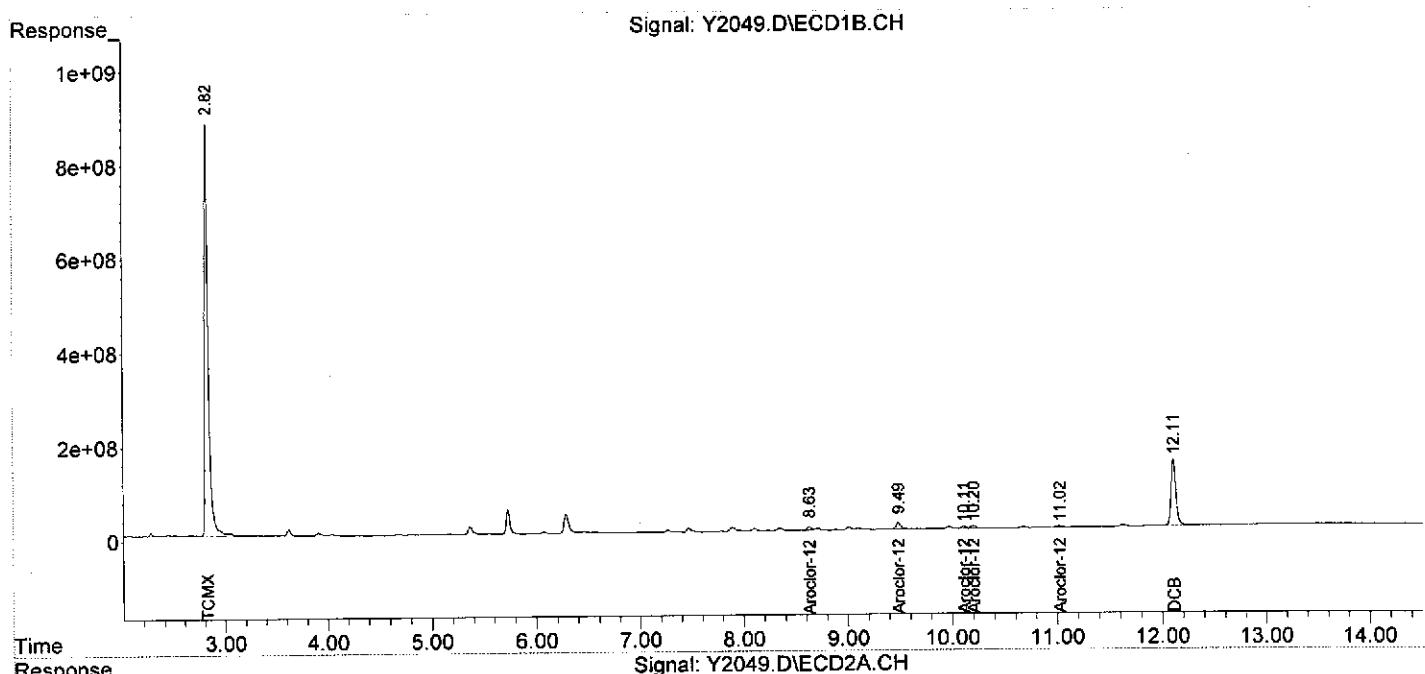
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
.) S TCMX	2.82	2.91	22231.4E6	7113.6E6	228.131	266.900
Spiked Amount	200.000			Recovery	= 114.07%	133.45%
!) S DCB	12.11	12.48	4615.7E6	1644.5E6	226.994m	189.897m
Spiked Amount	200.000			Recovery	= 113.50%	94.95%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
8) L9 Aroclor-1262	8.63	9.71	245.5E6	71185633	52.474m	59.713
9) L9 Aroclor-1262	{2}	9.49	10.22	475.6E6	167.7E6	57.041m
0) L9 Aroclor-1262	{3}	10.11	10.71	151.3E6	52288629	55.638m
1) L9 Aroclor-1262	{4}	10.20	10.80	206.9E6	116.7E6	59.894m
2) L9 Aroclor-1262	{5}	11.02	11.40	124.2E6	47559556	47.035m
Sum Aroclor-1262				1203.4E6	455.4E6	75.624 #
Average Aroclor-1262					272.082	312.768
					54.416	62.554
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\09-27-12\  
Data File : Y2049.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 27 Sep 2012 15:53  
Operator : YG  
Sample : Z-32\_(4.0-,09301-046,S,5.11g,11.8,09/24/12,4  
Misc : 120924-12,09/13/12,09/13/12,1  
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 28 09:39:10 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-27-12\  
 Data File : Y2050.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 27 Sep 2012 16:10  
 Operator : YG  
 Sample : Z-32\_(5.0-,09301-047,S,5.03g,24.8,09/24/12,4  
 Misc : 120924-12,09/13/12,09/13/12,1  
 ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 28 09:39:39 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.83	2.91	23313.7E6	7489.9E6	239.237	281.017
Spiked Amount	200.000			Recovery	= 119.62%	140.51%
2) S DCB	12.11	12.48	5241.1E6	1917.7E6	257.755	221.445
Spiked Amount	200.000			Recovery	= 128.88%	110.72%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
3) L6 Aroclor-1248	4.52	5.13	1770.3E6	588.3E6	483.457	566.069
4) L6 Aroclor-1248 {2}	5.05	5.71	1178.4E6	1170.2E6	587.736	763.310 #
5) L6 Aroclor-1248 {3}	5.37	6.11	2082.8E6	798.8E6	834.661	735.955
6) L6 Aroclor-1248 {4}	6.07	6.26	3942.6E6	665.9E6	871.399	676.511
7) L6 Aroclor-1248 {5}	6.35	6.61	2779.3E6	435.3E6	885.865	812.123
Sum Aroclor-1248			11753.3E6	3658.4E6	3663.118	3553.969
Average Aroclor-1248					732.624	710.794
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
3) L8 Aroclor-1260	8.34	7.87	2027.1E6	732.8E6	339.602	1015.613 #
4) L8 Aroclor-1260 {2}	9.01	8.12	503.5E6	389.2E6	218.907	373.276 #
5) L8 Aroclor-1260 {3}	9.48	9.71	1532.3E6	219.0E6	242.816	253.422
6) L8 Aroclor-1260 {4}	9.97	10.21	661.6E6	527.3E6	213.019	274.150 #
7) L8 Aroclor-1260 {5}	11.02	10.80	577.4E6	361.1E6	426.110	261.675 #
Sum Aroclor-1260			5301.8E6	2229.4E6	1440.453	2178.135
Average Aroclor-1260					288.091	435.627
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-27-12\  
Data File : Y2050.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 27 Sep 2012 16:10  
Operator : YG  
Sample : Z-32\_(5.0-,09301-047,S,5.03g,24.8,09/24/12,4  
Misc : 120924-12,09/13/12,09/13/12,1  
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 28 09:39:39 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----

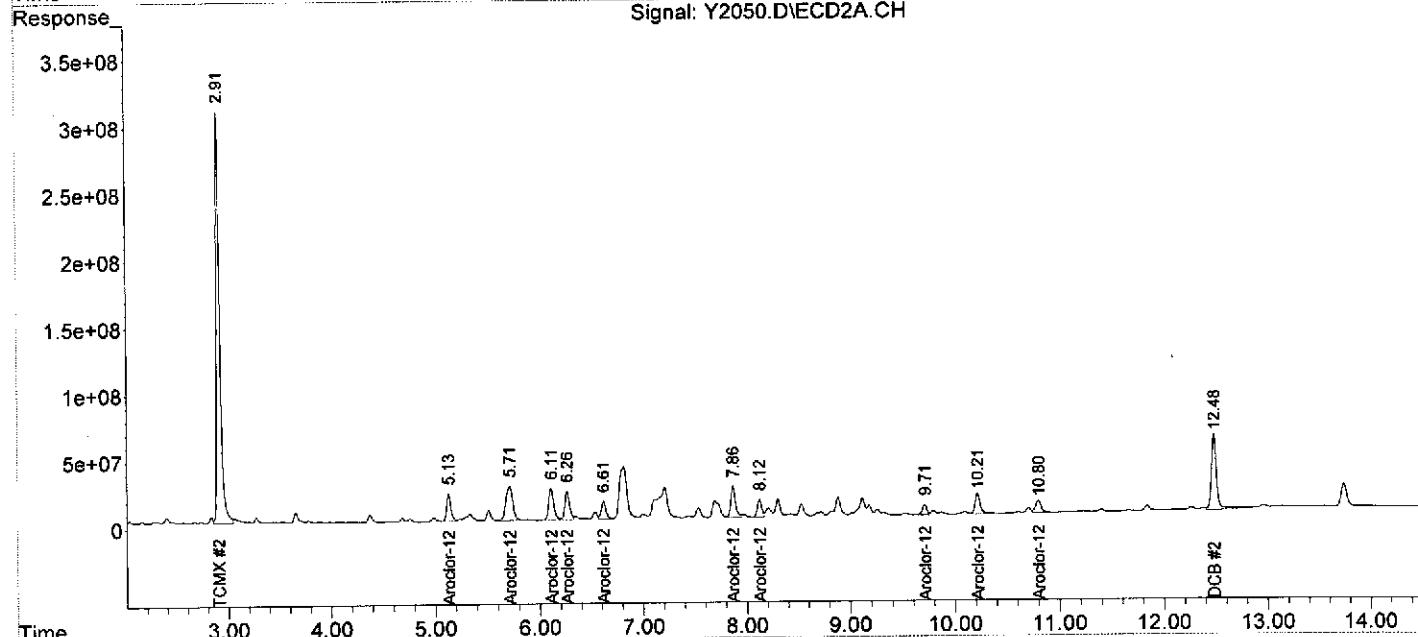
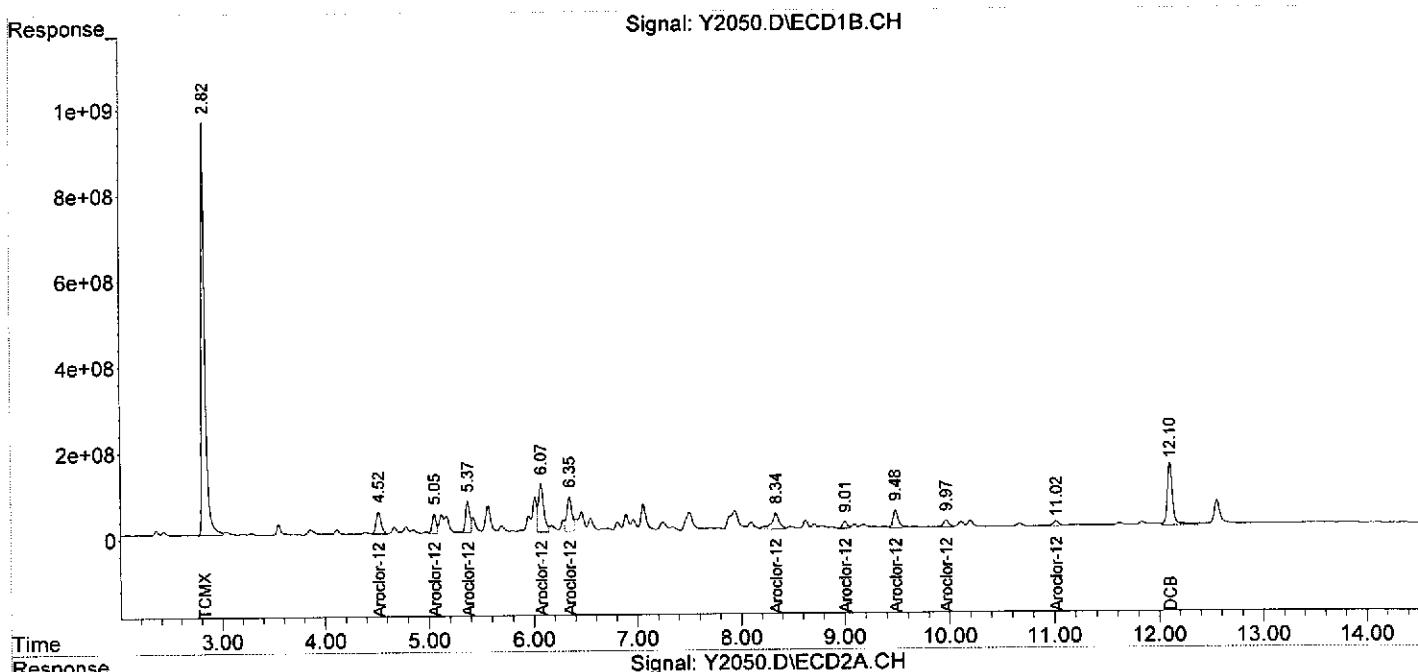
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-27-12\  
Data File : Y2050.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 27 Sep 2012 16:10  
Operator : YG  
Sample : Z-32\_(5.0-,09301-047,S,5.03g,24.8,09/24/12,4  
Misc : 120924-12,09/13/12,09/13/12,1  
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 28 09:39:39 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\09-27-12\  
 Data File : Y2051.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 27 Sep 2012 16:28  
 Operator : YG  
 Sample : Z-32\_(5.5-,09301-048,S,5.21g,20.9,09/24/12,4  
 Misc : 120924-12,09/13/12,09/13/12,1  
 ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 28 09:41:14 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.83	2.91	23307.0E6	7125.8E6	239.169	267.357
Spiked Amount	200.000			Recovery	= 119.58%	133.68%
2) S DCB	12.11	12.48	4220.7E6	1608.4E6	207.569m	185.731m
Spiked Amount	200.000			Recovery	= 103.78%	92.87%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

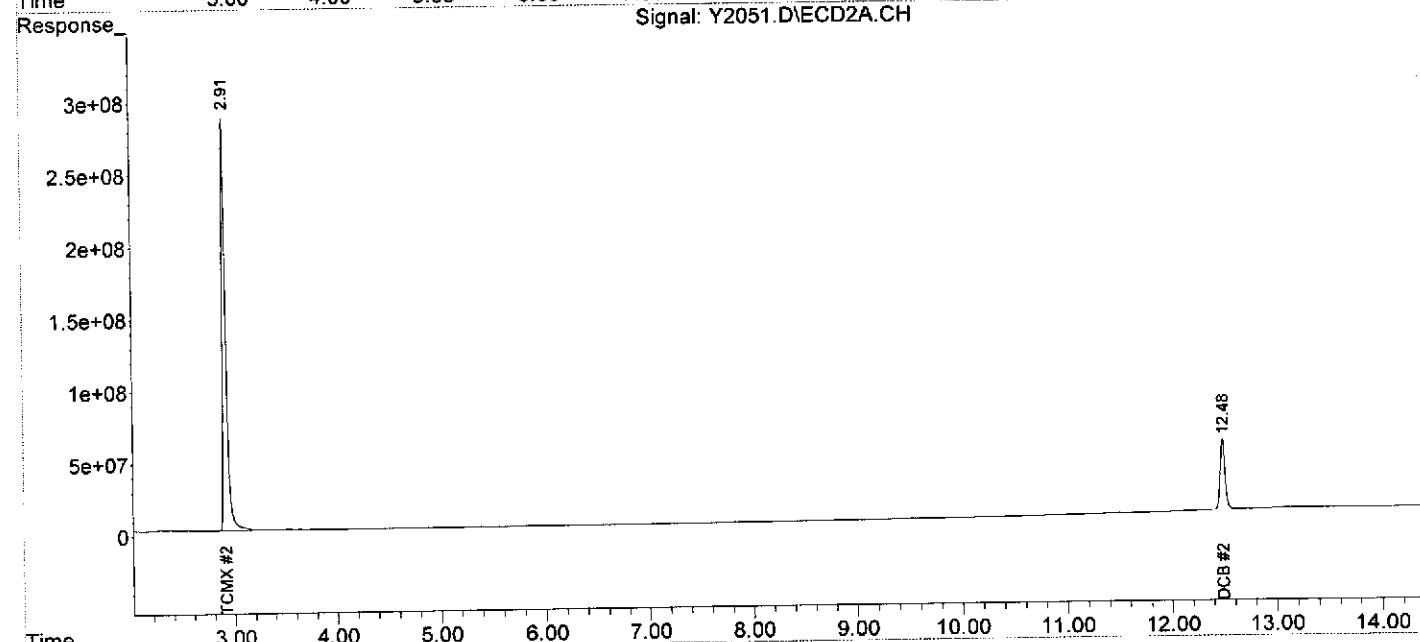
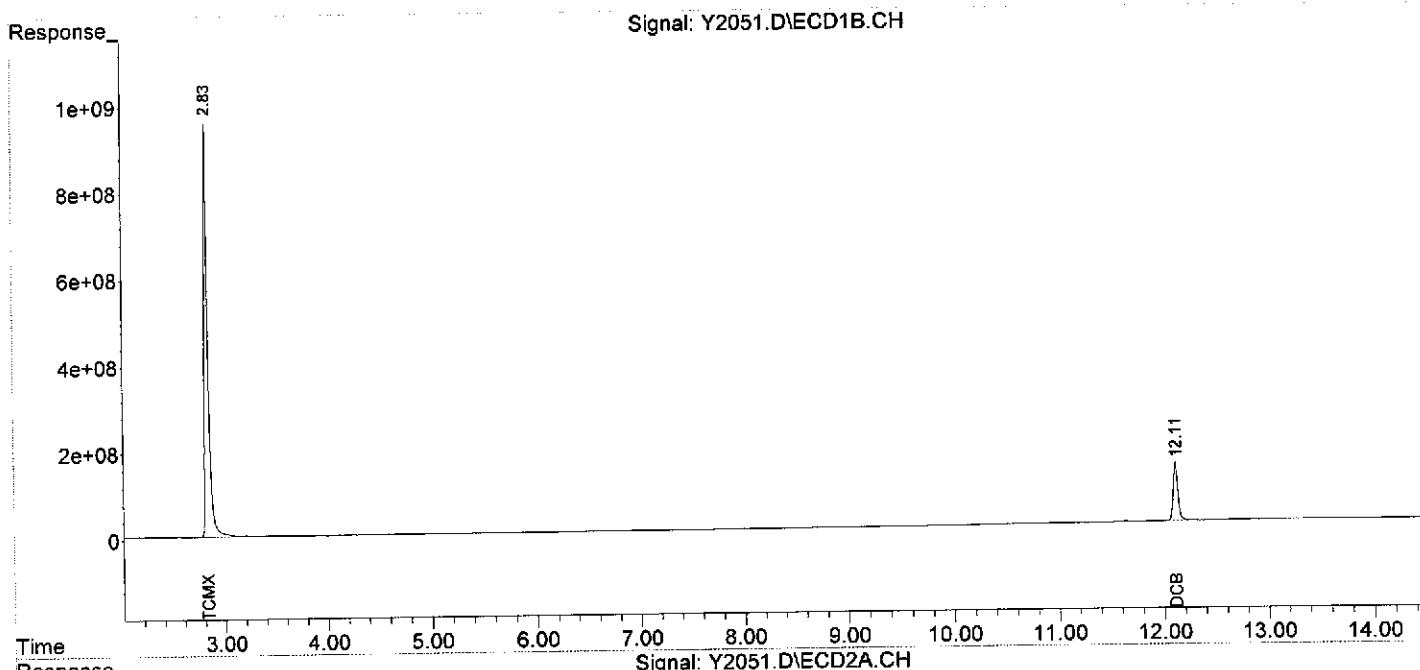
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-27-12\  
Data File : Y2051.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 27 Sep 2012 16:28  
Operator : YG  
Sample : Z-32\_(5.5-,09301-048,S,5.21g,20.9,09/24/12,4  
Misc : 120924-12,09/13/12,09/13/12,1  
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 28 09:41:14 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
 Data File : R4009.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 25 Sep 2012 20:35  
 Operator : YG  
 Sample : FB-42,09301-049,A,1000ml,100,09/20/12,1  
 Misc : 120920-06,09/13/12,09/13/12,1  
 ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 26 12:03:08 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Mon Sep 17 13:03:51 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
1) S	TCMX	3.50	3.40	45177.7E6	42466.6E6	298.628m	303.244
	Spiked Amount	200.000			Recovery	= 149.31%	151.62%
2) S	DCB	13.10	13.15	7147.3E6	4684.2E6	138.429m	160.640
	Spiked Amount	200.000			Recovery	= 69.21%	80.32%
<hr/>							
Target Compounds							
	Sum Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
	Sum Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
	Sum Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
	Sum Aroclor-1242			0	0	N.D.	N.D.
Average	Aroclor-1242					0.000	0.000
	Sum Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000
	Sum Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
	Sum Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
	Sum Aroclor-1262			0	0	N.D.	N.D.
Average	Aroclor-1262					0.000	0.000
	Sum Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000
<hr/>							

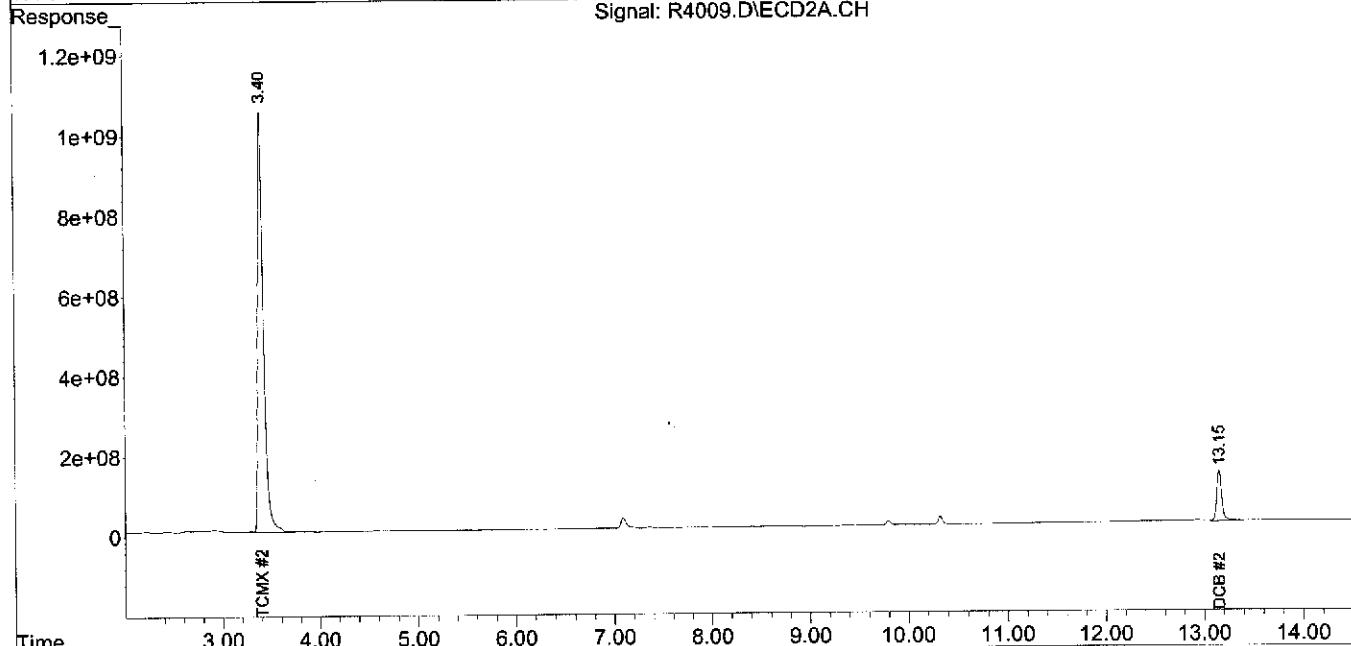
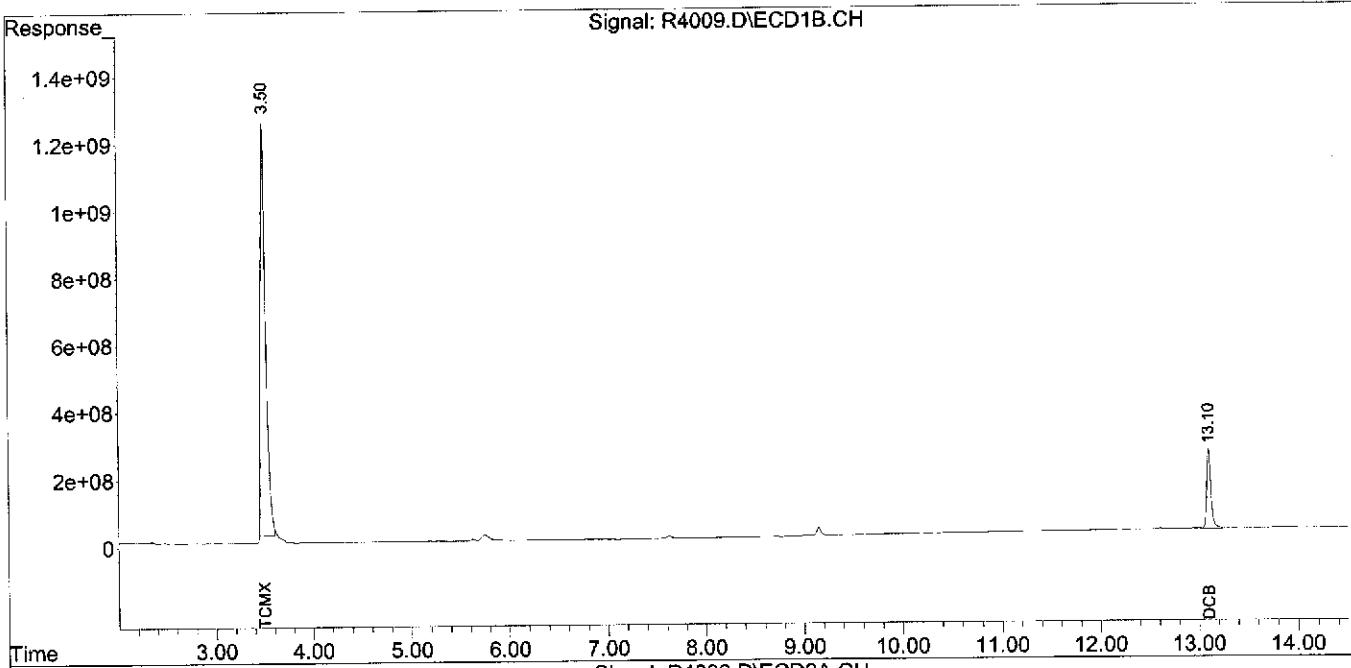
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
Data File : R4009.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 25 Sep 2012 20:35  
Operator : YG  
Sample : FB-42,09301-049,A,1000ml,100,09/20/12,1  
Misc : 120920-06,09/13/12,09/13/12,1  
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 26 12:03:08 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Mon Sep 17 13:03:51 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: BLKS120921-02  
Client ID: PCB  
Date Received: NA  
Date Extracted: 09/21/2012  
Date Analyzed: 09/21/2012  
Data file: R3948.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.00g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: NA

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
 Data File : R3948.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 21 Sep 2012 17:41  
 Operator : YG  
 Sample : PCB,BLKS120921-02,S,5.00g,0,09/21/12,4  
 Misc : NA,NA,NA,1  
 ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 24 11:11:04 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Mon Sep 17 13:03:51 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
1) S	TCMX	3.49	3.40	38205.5E6	30232.1E6	252.541	215.880
	Spiked Amount	200.000			Recovery	= 126.27%	107.94%
<hr/>							
2) S	DCB	13.10	13.15	7837.0E6	5087.7E6	151.786	174.476m
	Spiked Amount	200.000			Recovery	= 75.89%	87.24%
<hr/>							
Target Compounds							
	Sum Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
	Sum Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
	Sum Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
	Sum Aroclor-1242			0	0	N.D.	N.D.
Average	Aroclor-1242					0.000	0.000
	Sum Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000
	Sum Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
	Sum Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
	Sum Aroclor-1262			0	0	N.D.	N.D.
Average	Aroclor-1262					0.000	0.000
	Sum Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000
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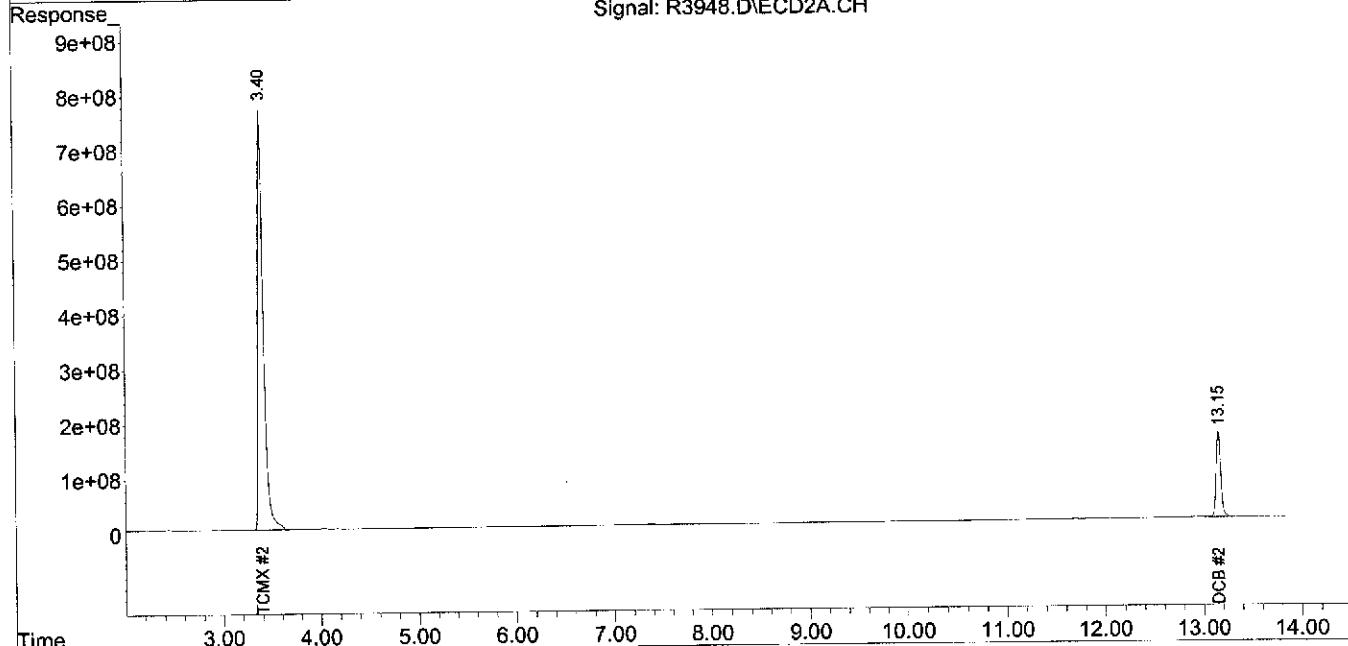
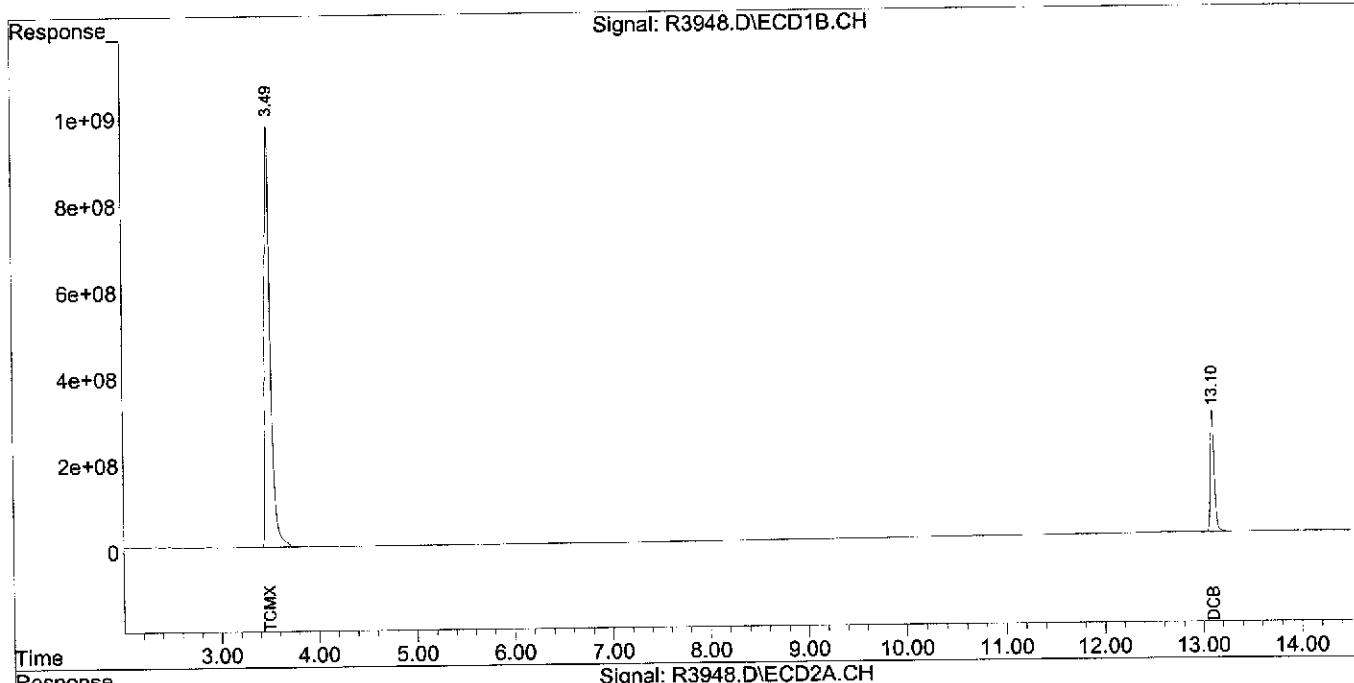
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-21-12\  
Data File : R3948.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 21 Sep 2012 17:41  
Operator : YG  
Sample : PCB,BLKS120921-02,S,5.00g,0,09/21/12,4  
Misc : NA,NA,NA,1  
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 24 11:11:04 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Mon Sep 17 13:03:51 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: BLKA120920-06

GC Column: DB-5/DB1701P

Client ID: PCB

Sample wt/vol: 1000ml

Date Received: NA

Matrix-Units: Aqueous- $\mu$ g/L (ppb)

Date Extracted: 09/20/2012

Dilution Factor: 1

Date Analyzed: 09/25/2012

% Moisture: 100

Data file: R3999.D

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	ND		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	ND		0.050	0.020

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
 Data File : R3999.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 25 Sep 2012 17:41  
 Operator : YG  
 Sample : PCB,BLKA120920-06,A,1000ml,100,09/20/12,1  
 Misc : NA,NA,NA,1  
 ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 26 11:55:22 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Mon Sep 17 13:03:51 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
System Monitoring Compounds							
1) S TCMX		3.48	3.39	46155.5E6	43227.8E6	305.092	308.679
Spiked Amount	200.000			Recovery	=	152.55%	154.34%
2) S DCB		13.11	13.16	6676.9E6	5249.2E6	129.319m	180.014m#
Spiked Amount	200.000			Recovery	=	64.66%	90.01%
<hr/>							
Target Compounds							
Sum Aroclor-1016				0	0	N.D.	N.D.
Average Aroclor-1016						0.000	0.000
Sum Aroclor-1221				0	0	N.D.	N.D.
Average Aroclor-1221						0.000	0.000
Sum Aroclor-1232				0	0	N.D.	N.D.
Average Aroclor-1232						0.000	0.000
Sum Aroclor-1242				0	0	N.D.	N.D.
Average Aroclor-1242						0.000	0.000
Sum Aroclor-1248				0	0	N.D.	N.D.
Average Aroclor-1248						0.000	0.000
Sum Aroclor-1254				0	0	N.D.	N.D.
Average Aroclor-1254						0.000	0.000
Sum Aroclor-1260				0	0	N.D.	N.D.
Average Aroclor-1260						0.000	0.000
Sum Aroclor-1262				0	0	N.D.	N.D.
Average Aroclor-1262						0.000	0.000
Sum Aroclor-1268				0	0	N.D.	N.D.
Average Aroclor-1268						0.000	0.000
<hr/>							

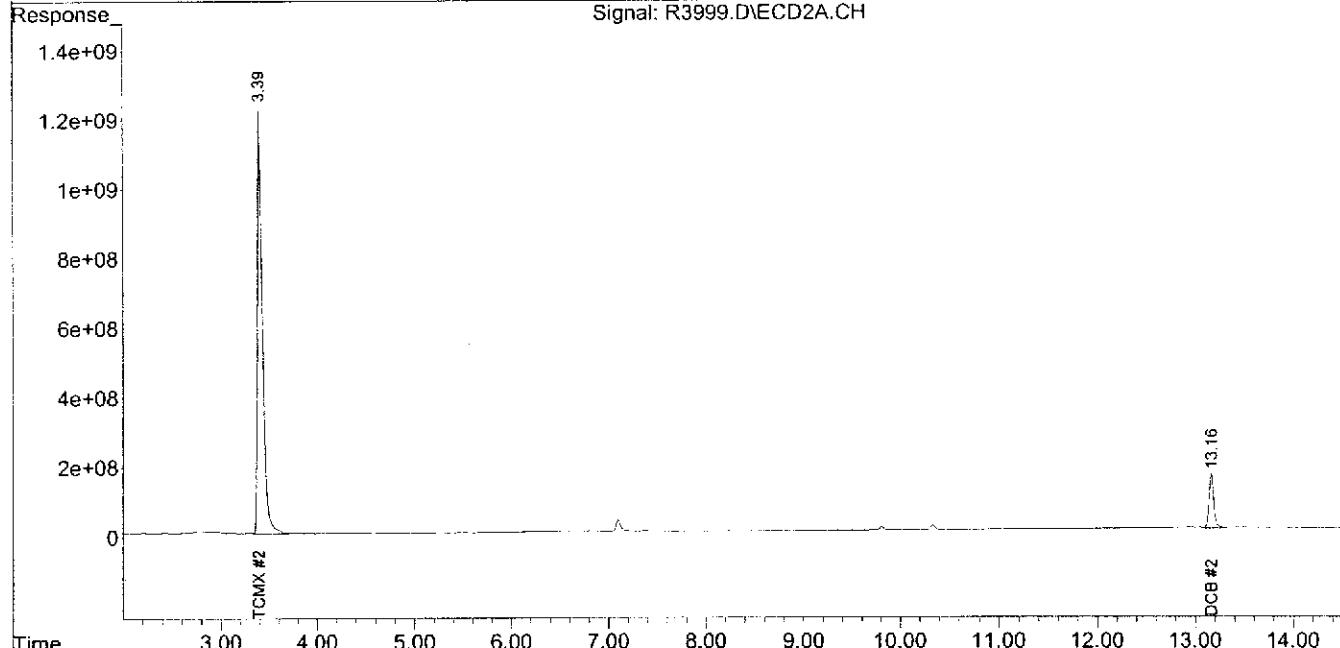
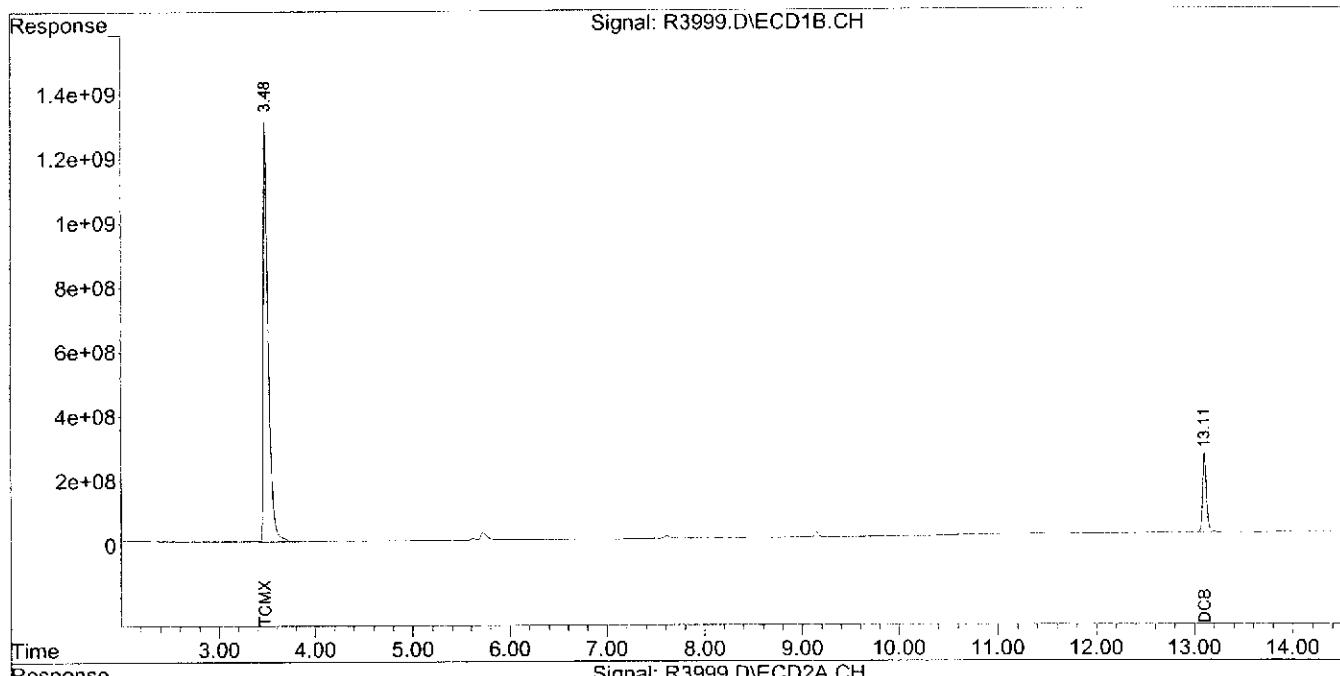
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
Data File : R3999.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 25 Sep 2012 17:41  
Operator : YG  
Sample : PCB, BLKA120920-06,A,1000ml,100,09/20/12,1  
Misc : NA,NA,NA,1  
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 26 11:55:22 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Mon Sep 17 13:03:51 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: BLKS120924-11  
Client ID: PCB  
Date Received: NA  
Date Extracted: 09/24/2001  
Date Analyzed: 09/25/2012  
Data file: Y1956.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.00g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: NA

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
 Data File : Y1956.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 25 Sep 2012 19:16  
 Operator : YG  
 Sample : PCB,BLKSI20924-11,S,5.00g,0,09/24/12,4  
 Misc : NA,NA,NA,1  
 ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 26 15:06:12 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

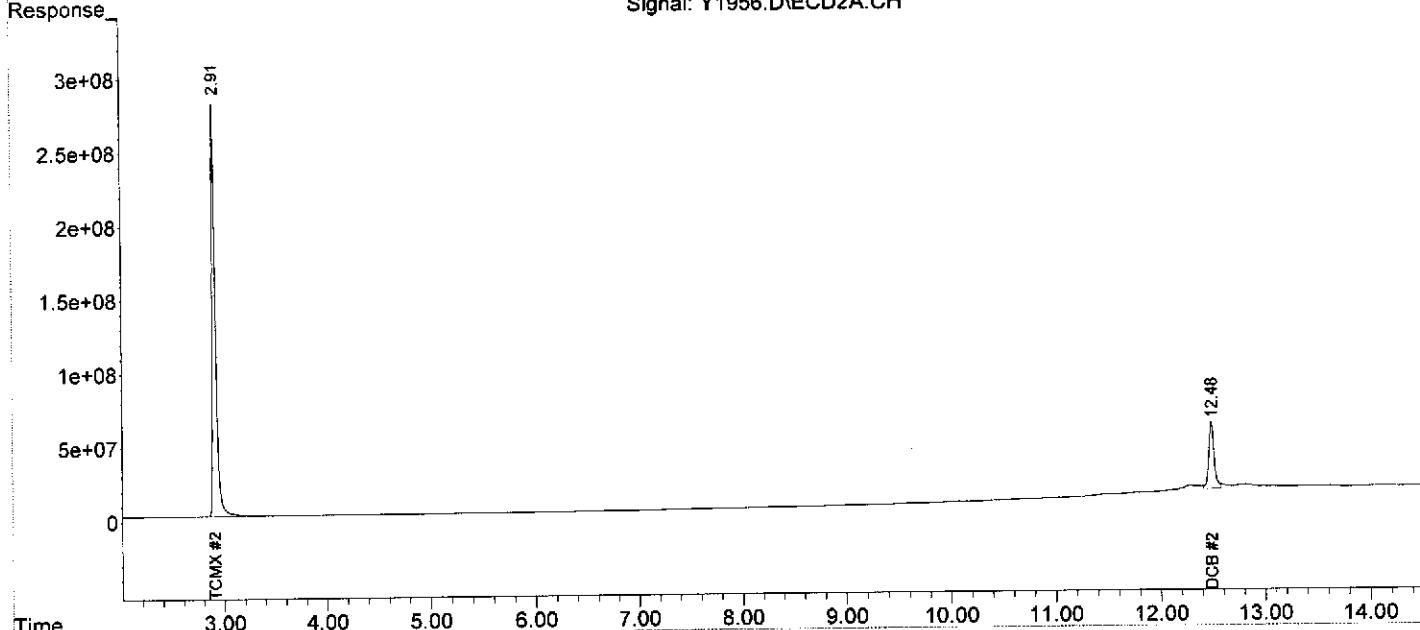
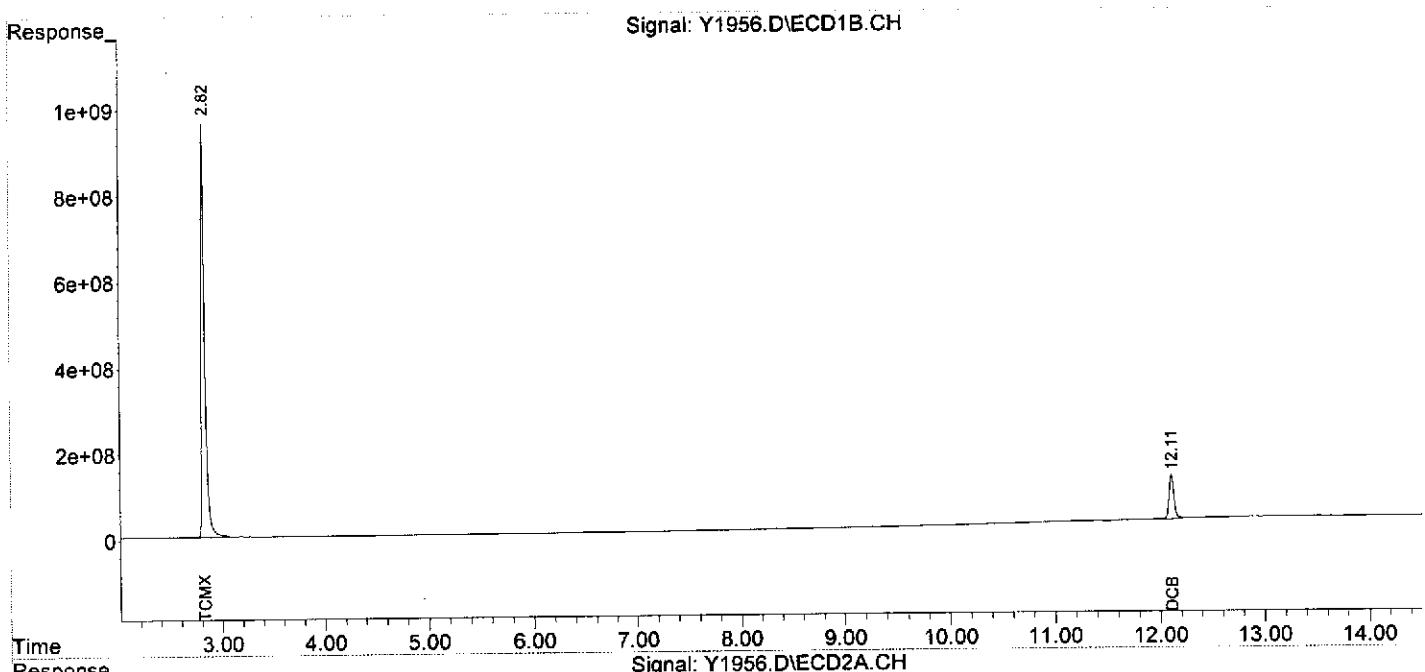
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.82	2.91	22706.7E6	6710.6E6	233.008	251.780
Spiked Amount	200.000			Recovery	= 116.50%	125.89%
2) S DCB	12.11	12.48	3369.3E6	1602.9E6	165.702m	185.096m
Spiked Amount	200.000			Recovery	= 82.85%	92.55%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\09-25-12\  
Data File : Y1956.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 25 Sep 2012 19:16  
Operator : YG  
Sample : PCB, BLKS120924-11, S, 5.00g, 0, 09/24/12, 4  
Misc : NA, NA, NA, 1  
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Sep 26 15:06:12 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Mon Sep 17 10:45:37 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



**INTEGRATED ANALYTICAL LABORATORIES****PCB's**

Lab ID: BLKS120924-12  
Client ID: PCB  
Date Received: NA  
Date Extracted: 09/24/2012  
Date Analyzed: 09/27/2012  
Data file: Y2043.D

GC Column: DB-5/DB1701P  
Sample wt/vol: 5.00g  
Matrix-Units: Soil-mg/Kg (ppm)  
Dilution Factor: 1  
% Moisture: NA

<b>Compound</b>	<b>Concentration</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-27-12\  
 Data File : Y2043.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 27 Sep 2012 13:46  
 Operator : YG  
 Sample : PCB, BLKS120924-12,S,5.00g,0,09/24/12,4  
 Misc : NA,NA,NA,1  
 ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Sep 28 09:30:51 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Mon Sep 17 10:45:37 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.83	2.91	23693.4E6	7241.5E6	243.134	271.697
Spiked Amount	200.000			Recovery	= 121.57%	135.85%
2) S DCB	12.11	12.48	4521.5E6	1571.5E6	222.362	181.471m
Spiked Amount	200.000			Recovery	= 111.18%	90.74%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-27-12\  
Data File : Y2043.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 27 Sep 2012 13:46  
Operator : YG  
Sample : PCB, BLKS120924-12, S, 5.00g, 0, 09/24/12, 4  
Misc : NA, NA, NA, 1  
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E

Integration File signal 2: EVENTS2.E

Quant Time: Sep 28 09:30:51 2012

Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M

Quant Title :

QLast Update : Mon Sep 17 10:45:37 2012

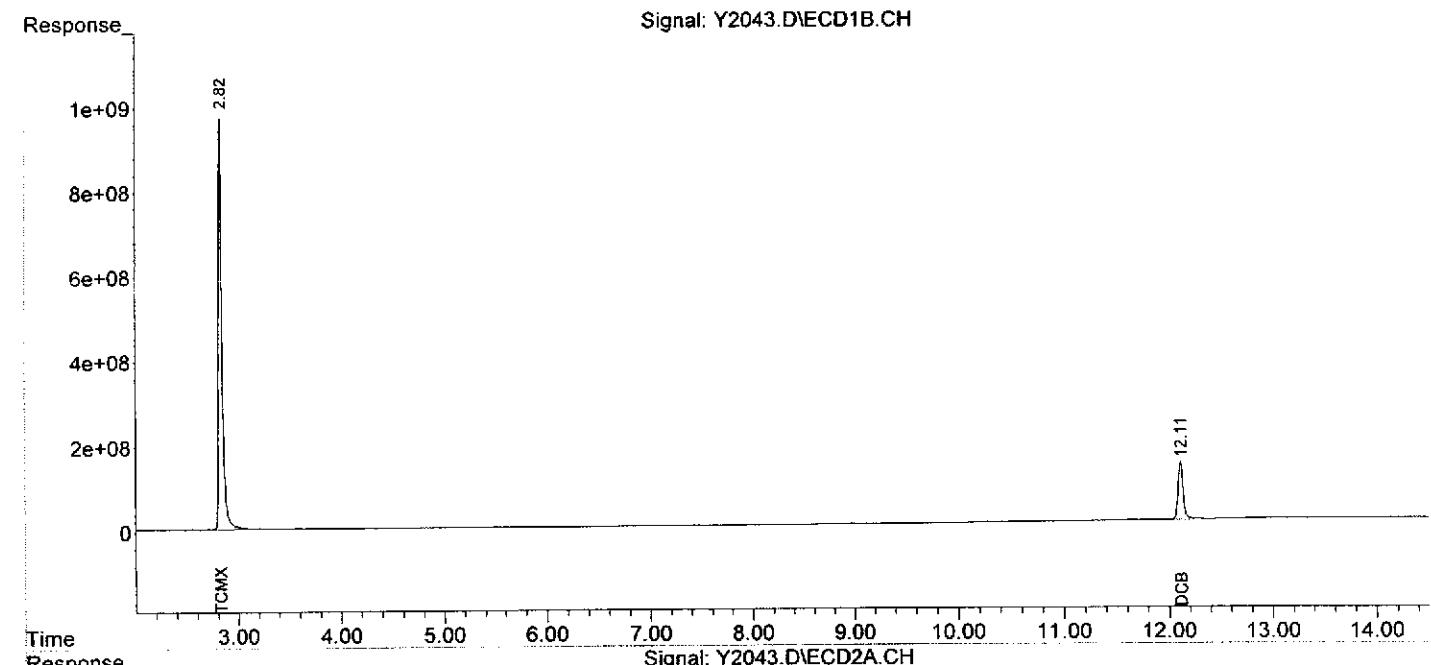
Response via : Initial Calibration

Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :

Signal #1 Phase : Signal #2 Phase:

Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\08-27-12\  
 Data File : Y1148.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 27 Aug 2012 16:52  
 Operator : YG  
 Sample : 8082\_1248\_IAS\_4309,0.5\_PPM  
 Misc : NA,NA,NA,1  
 ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Aug 28 07:50:27 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Tue Aug 28 07:50:02 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.82	2.90	22214.9E6	5890.5E6	239.833	233.845
Spiked Amount	200.000			Recovery	= 119.92%	116.92%
2) S DCB	12.10	12.49	2980.1E6	1185.7E6	175.196m	160.258m
Spiked Amount	200.000			Recovery	= 87.60%	80.13%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
3) L6 Aroclor-1248	4.51	5.12	1830.8E6	519.6E6	500.000	500.000
4) L6 Aroclor-1248 {2}	5.04	5.71	1002.5E6	766.5E6	500.000	500.000
5) L6 Aroclor-1248 {3}	5.36	6.10	1247.7E6	542.7E6	500.000	500.000
6) L6 Aroclor-1248 {4}	6.06	6.26	2262.2E6	492.1E6	500.000	500.000
7) L6 Aroclor-1248 {5}	6.33	6.61	1568.7E6	268.0E6	500.000	500.000
Sum Aroclor-1248			7911.9E6	2588.9E6	2500.000	2500.000
Average Aroclor-1248					500.000	500.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

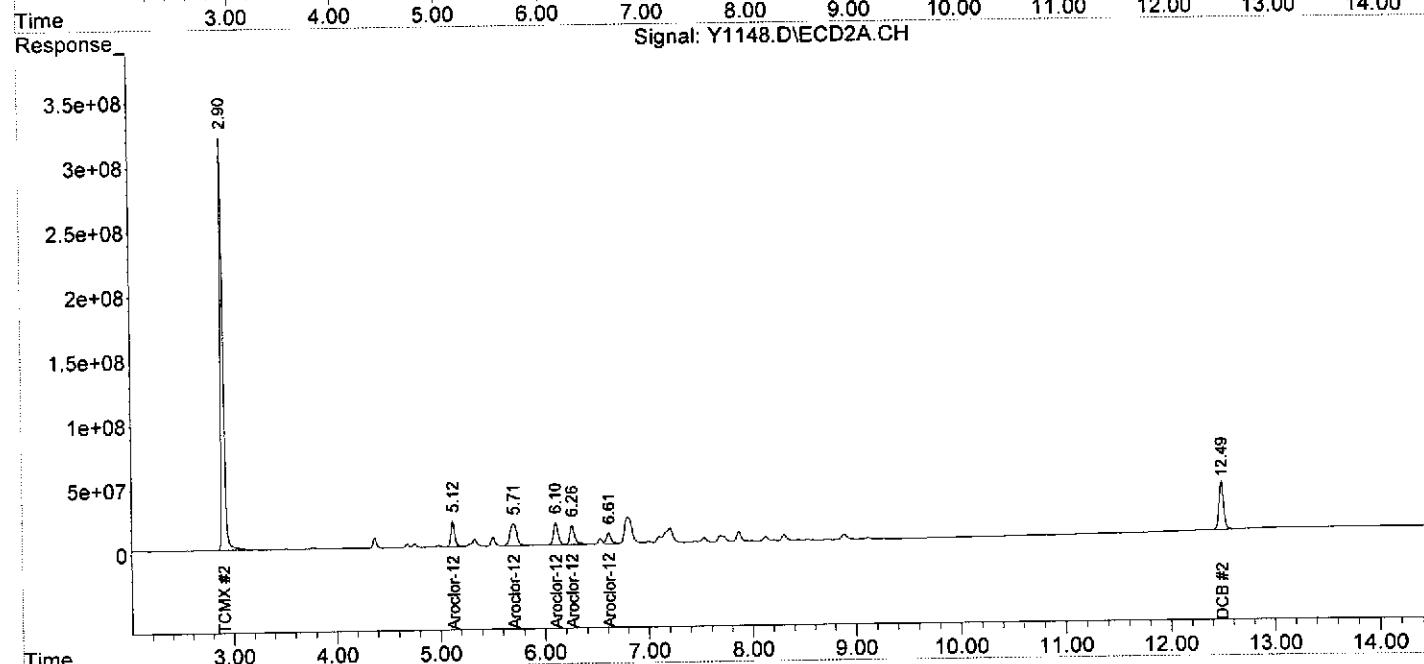
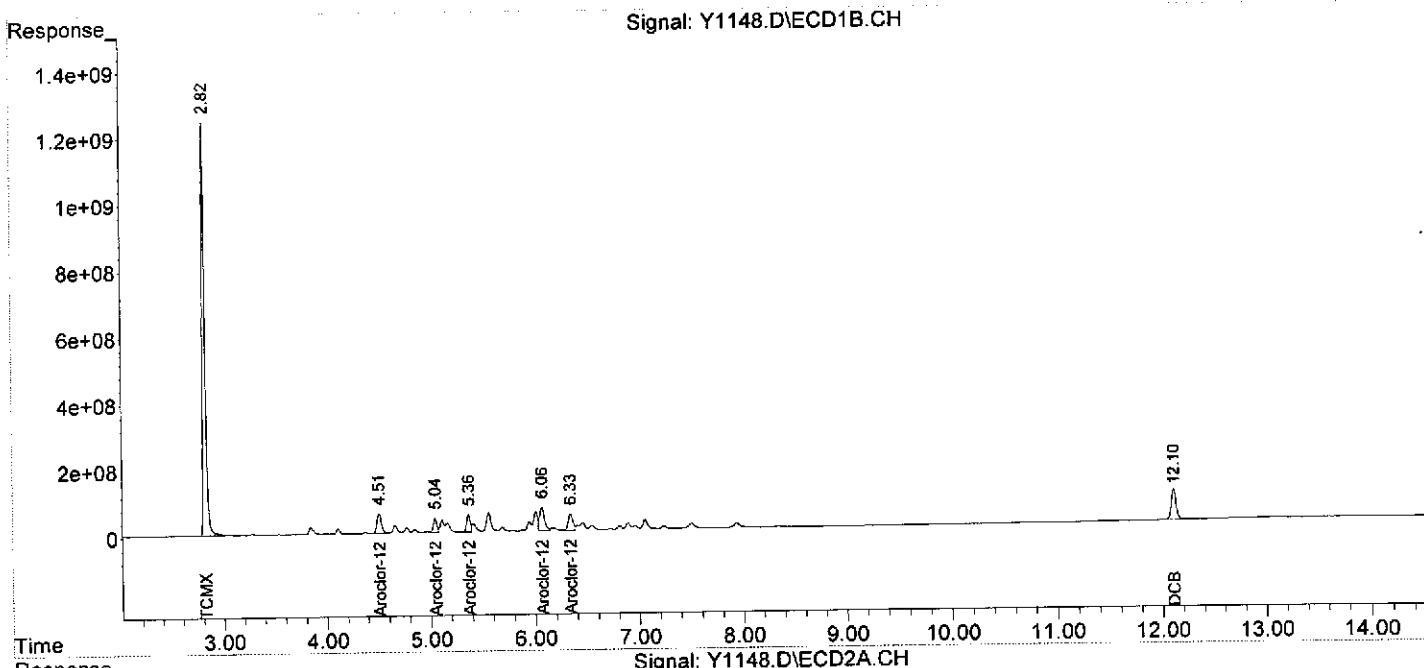
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-27-12\  
Data File : Y1148.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 27 Aug 2012 16:52  
Operator : YG  
Sample : 8082\_1248\_IAS\_4309, 0.5\_PPM  
Misc : NA,NA,NA,1  
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Aug 28 07:50:27 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Tue Aug 28 07:50:02 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\08-27-12\  
 Data File : Y1150.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 27 Aug 2012 17:27  
 Operator : YG  
 Sample : 8082\_1262\_IAS\_4311,0.5\_PPM  
 Misc : NA,NA,NA,1  
 ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Aug 28 07:52:50 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Tue Aug 28 07:52:18 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

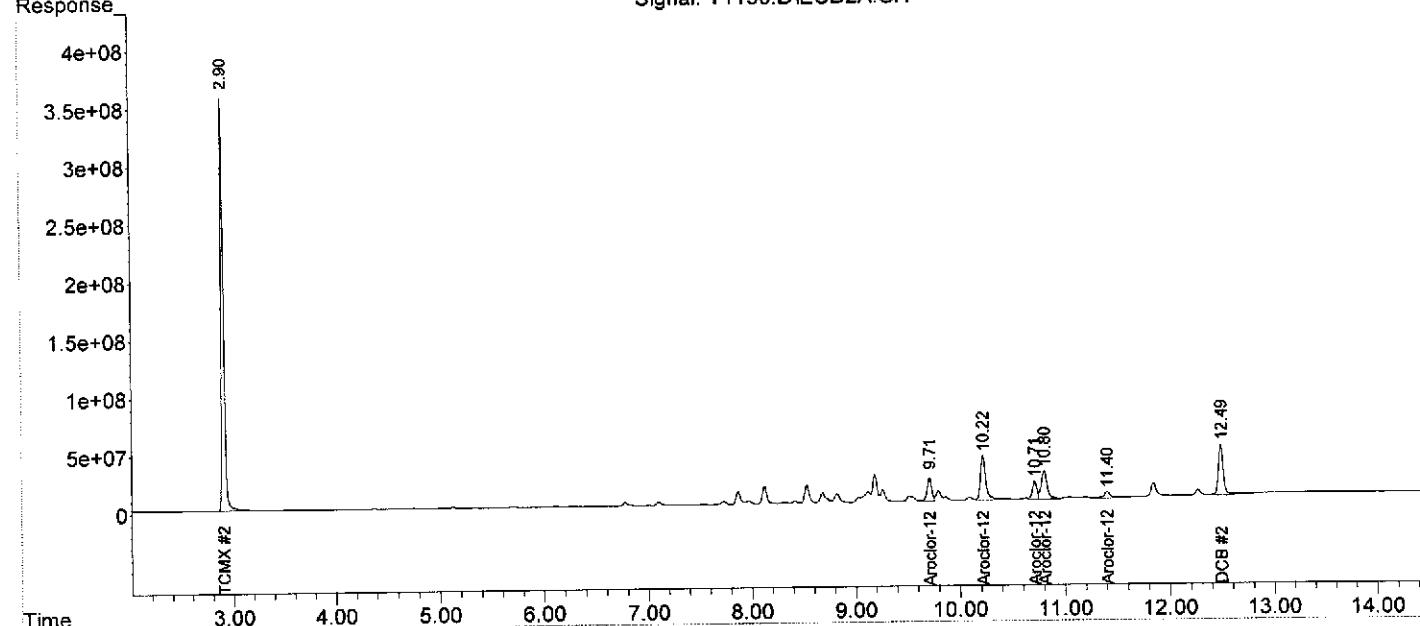
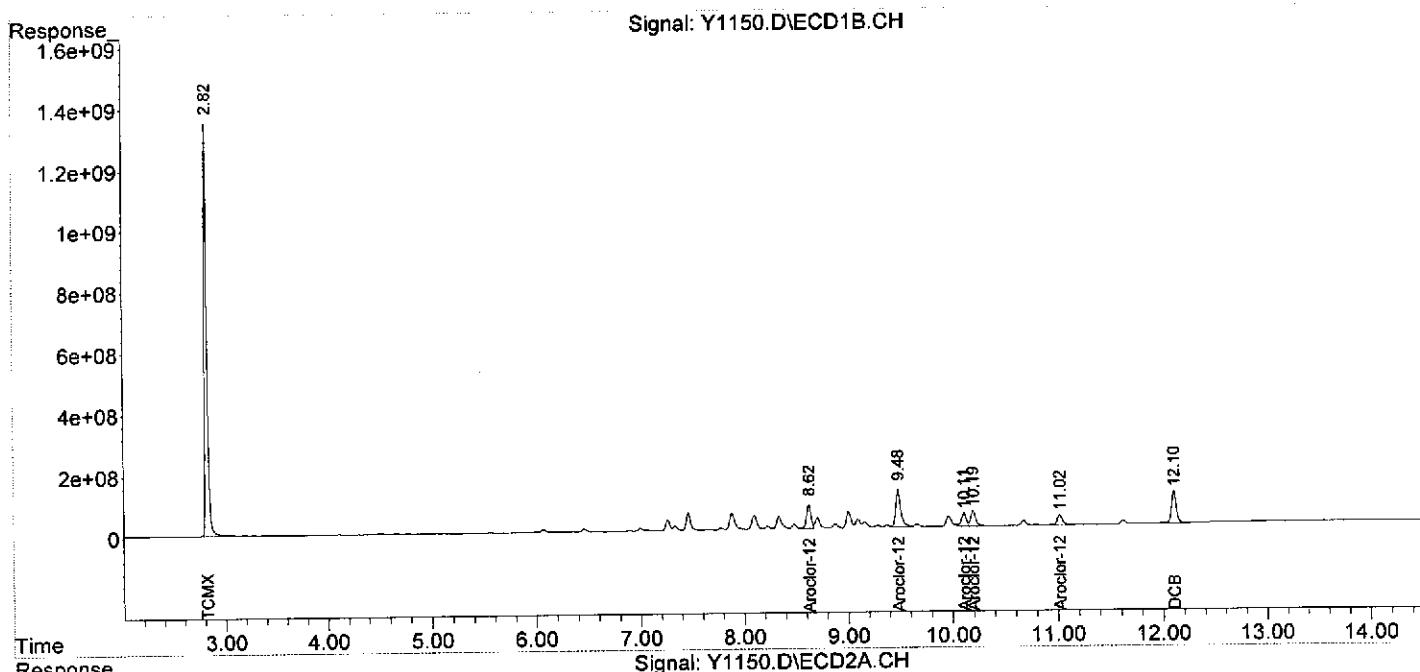
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.82	2.90	24015.0E6	6451.1E6	254.325	250.525
Spiked Amount	200.000			Recovery	= 127.16%	125.26%
2) S DCB	12.10	12.49	3381.7E6	1453.1E6	196.252m	184.170m
Spiked Amount	200.000			Recovery	= 98.13%	92.08%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260	.		0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
8) L9 Aroclor-1262	8.62	9.71	2339.6E6	596.1E6	500.000	500.000
9) L9 Aroclor-1262	{2}	9.48	10.22	4168.6E6	1351.0E6	500.000
0) L9 Aroclor-1262	{3}	10.11	10.71	1359.2E6	463.8E6	500.000
1) L9 Aroclor-1262	{4}	10.20	10.80	1727.0E6	989.1E6	500.000
2) L9 Aroclor-1262	{5}	11.02	11.40	1320.2E6	314.4E6	500.000
Sum Aroclor-1262				10914.5E6	3714.4E6	2500.000
Average Aroclor-1262					500.000	500.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\08-27-12\  
Data File : Y1150.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 27 Aug 2012 17:27  
Operator : YG  
Sample : 8082\_1262\_IAS\_4311,0.5\_PPM  
Misc : NA,NA,NA,I  
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Aug 28 07:52:50 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Tue Aug 28 07:52:18 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-27-12\  
 Data File : Y1149.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 27 Aug 2012 17:10  
 Operator : YG  
 Sample : 8082\_1254\_IAS\_4310,0.5\_PPM  
 Misc : NA,NA,NA,1  
 ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Aug 28 07:51:27 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Tue Aug 28 07:51:04 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
) S TCMX	2.82	2.90	24372.5E6	6479.2E6	257.138	251.339
Spiked Amount	200.000			Recovery	= 128.57%	125.67%
) S DCB	12.10	12.49	3000.2E6	1277.4E6	179.465	173.327
Spiked Amount	200.000			Recovery	= 89.73%	86.66%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
8) L7 Aroclor-1254	6.45	7.10	2231.1E6	640.8E6	500.000	500.000
9) L7 Aroclor-1254 {2}	6.89	7.69	1372.4E6	483.5E6	500.000	500.000
0) L7 Aroclor-1254 {3}	7.05	8.31	2631.8E6	453.8E6	500.000	500.000
1) L7 Aroclor-1254 {4}	7.50	8.53	2578.4E6	266.3E6	500.000	500.000
2) L7 Aroclor-1254 {5}	8.33	9.12	2125.2E6	626.6E6	500.000	500.000
Sum Aroclor-1254			10938.9E6	2471.0E6	2500.000	2500.000
Average Aroclor-1254					500.000	500.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

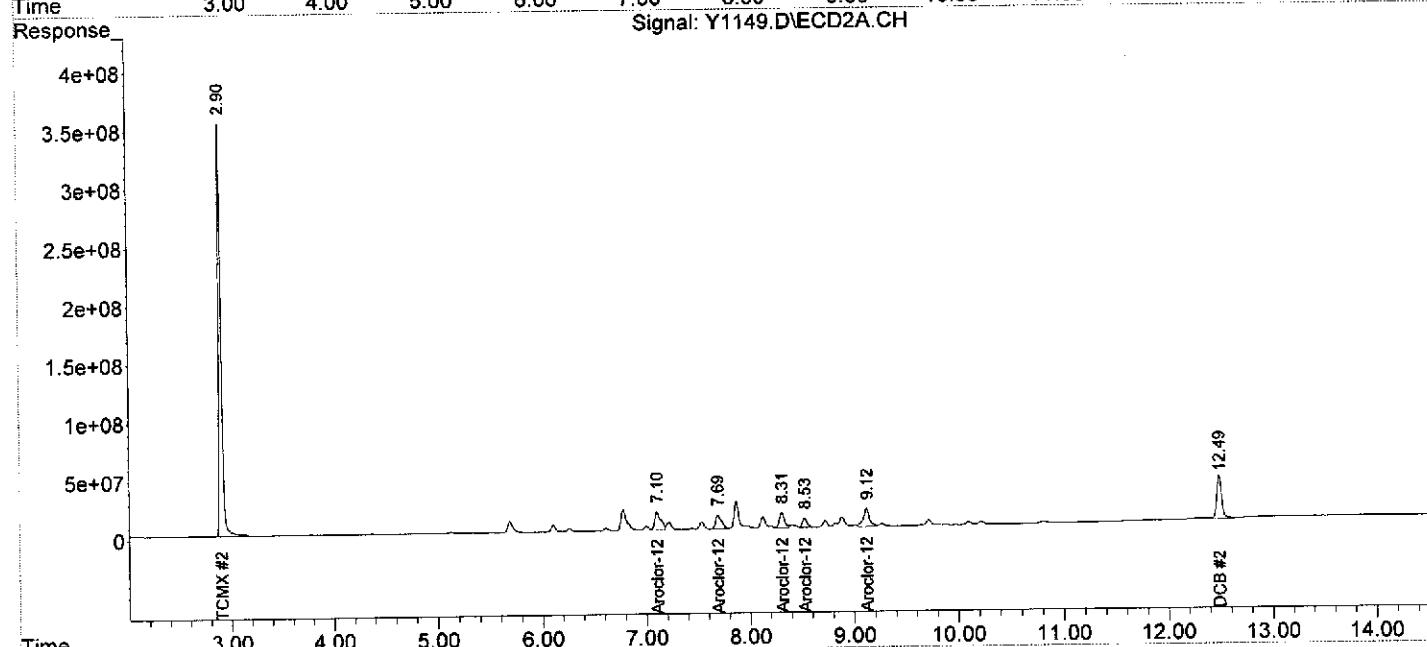
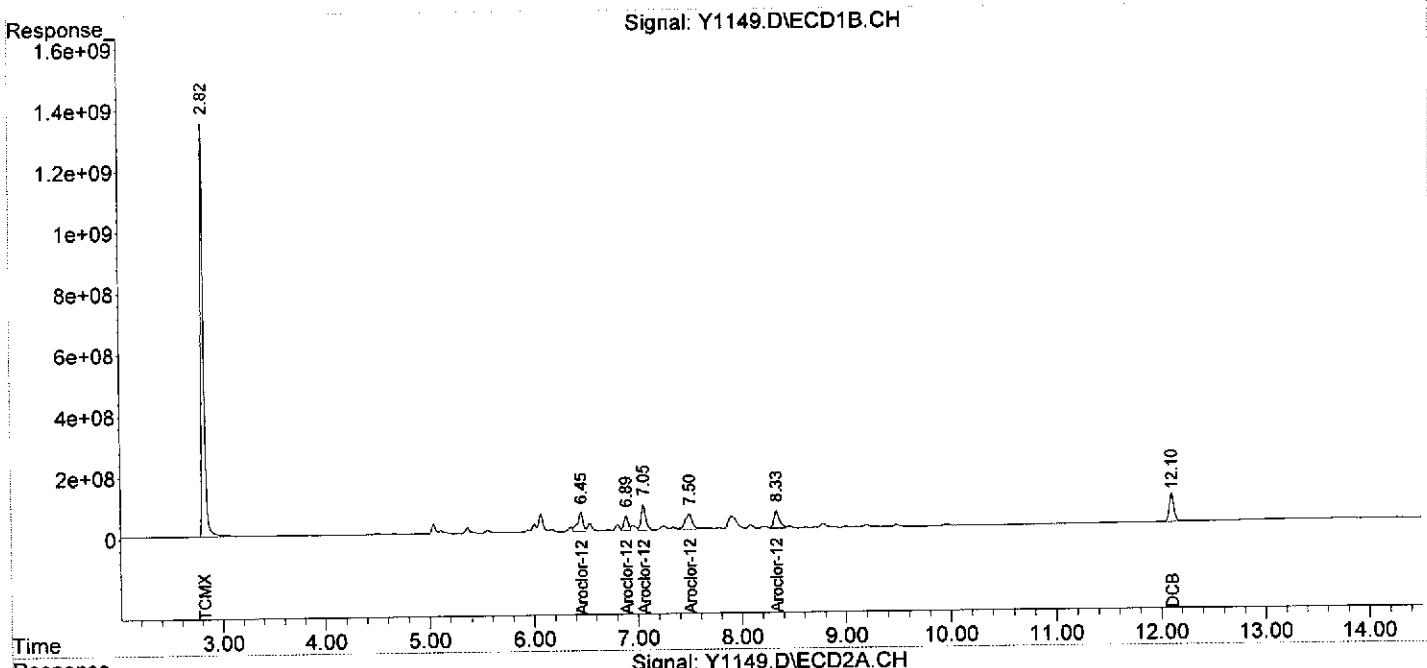
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-27-12\  
Data File : Y1149.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 27 Aug 2012 17:10  
Operator : YG  
Sample : 8082\_1254\_IAS\_4310,0.5\_PPM  
Misc : NA,NA,NA,1  
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Aug 28 07:51:27 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Tue Aug 28 07:51:04 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-30-12\  
 Data File : R3536.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Aug 2012 15:58  
 Operator : YG  
 Sample : 8082\_1248\_IAS\_4309,0.5\_PPM  
 Misc : NA,NA,NA,1  
 ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Aug 31 13:22:19 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Fri Aug 31 13:21:39 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
1) S	TCMX	3.48	3.38	39131.8E6	34268.9E6	250.811	239.737
	Spiked Amount	200.000			Recovery	= 125.41%	119.87%
2) S	DCB	13.10	13.16	13107.9E6	8226.1E6	249.444	263.137
	Spiked Amount	200.000			Recovery	= 124.72%	131.57%
<hr/>							
Target Compounds							
	Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016						0.000	0.000
	Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221						0.000	0.000
	Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232						0.000	0.000
	Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242						0.000	0.000
23) L6	Aroclor-1248	5.30	5.68	3820.5E6	3005.0E6	500.000	500.000
24) L6	Aroclor-1248 {2}	5.86	6.28	2092.4E6	4212.3E6	500.000	500.000
25) L6	Aroclor-1248 {3}	6.20	6.68	2109.9E6	3207.8E6	500.000	500.000
26) L6	Aroclor-1248 {4}	6.92	6.84	4314.8E6	2699.6E6	500.000	500.000
27) L6	Aroclor-1248 {5}	7.20	7.20	3517.8E6	1553.7E6	500.000	500.000
	Sum Aroclor-1248			15855.4E6	14678.5E6	2500.000	2500.000
Average Aroclor-1248						500.000	500.000
	Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254						0.000	0.000
	Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260						0.000	0.000
	Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262						0.000	0.000
	Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268						0.000	0.000
<hr/>							

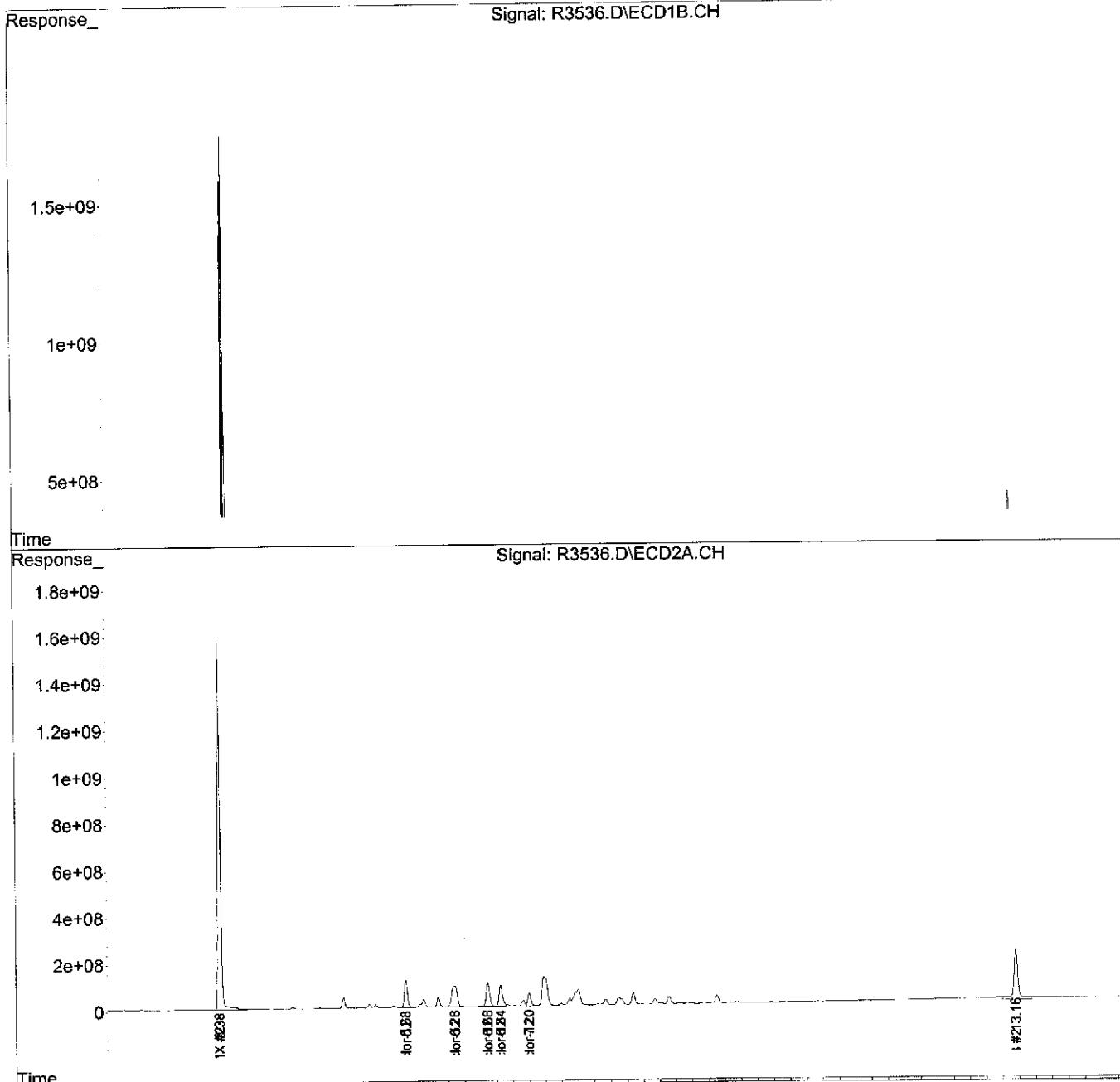
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

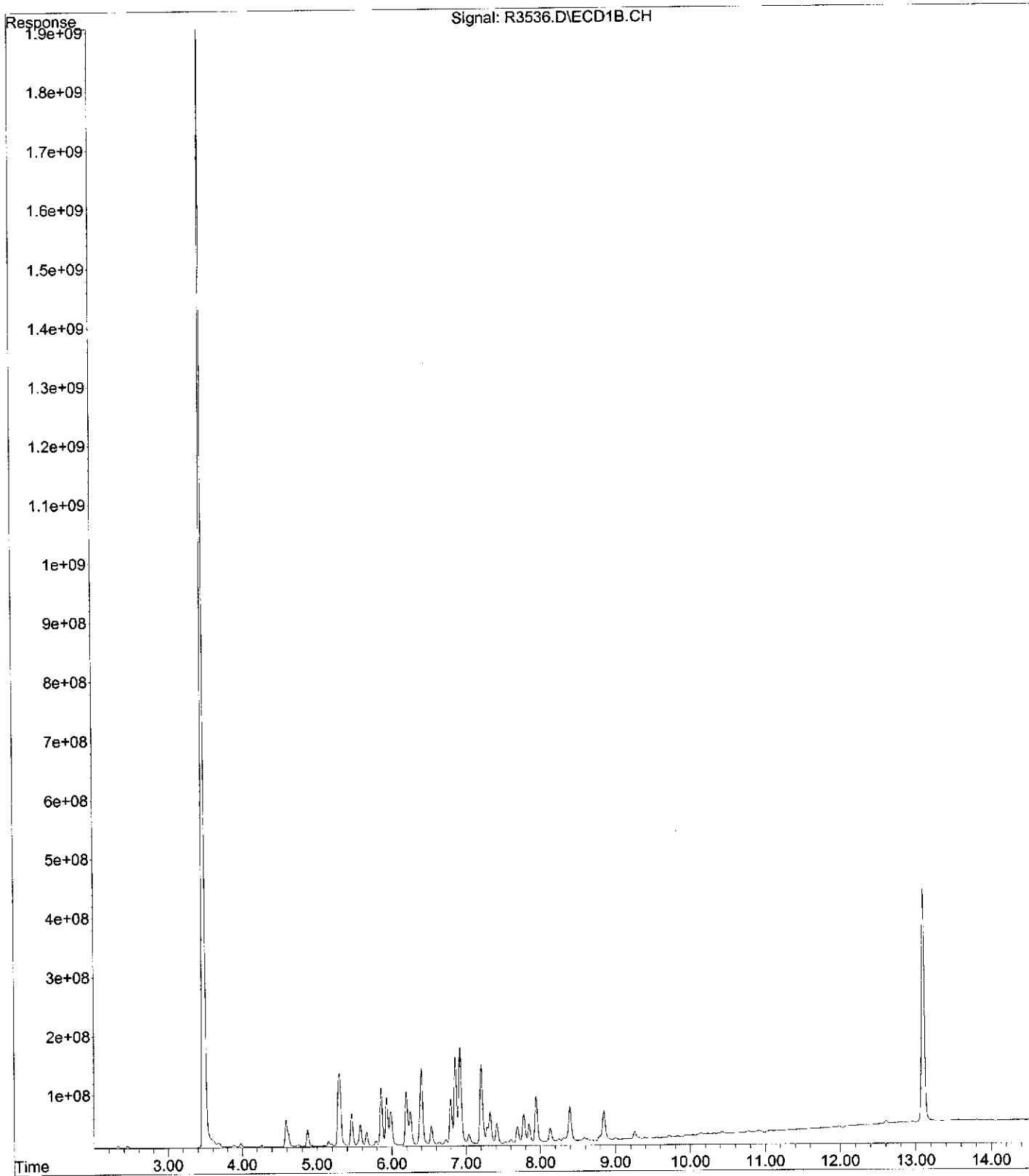
Data Path : C:\MSDCHEM\1\DATA\08-30-12\  
Data File : R3536.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Aug 2012 15:58  
Operator : YG  
Sample : 8082\_1248\_IAS\_4309,0.5\_PPM  
Misc : NA,NA,NA,1  
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Aug 31 13:22:19 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Fri Aug 31 13:21:39 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



File : C:\MSDCHEM\1\DATA\08-30-12\R3536.D  
Operator : YG  
Acquired : 30 Aug 2012 15:58 using AcqMethod RPCB0830.M  
Instrument : GC\_R  
Sample Name: 8082\_1248\_IAS\_4309,0.5\_PPM  
Misc Info : NA,NA,NA,1  
Vial Number: 9



## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-30-12\  
 Data File : R3540.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 30 Aug 2012 18:00  
 Operator : YG  
 Sample : 8082\_C\_IAS\_4395,0.5\_PPM  
 Misc : NA,NA,NA,1  
 ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Aug 31 13:50:13 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
 Quant Title :  
 QLast Update : Fri Aug 31 13:49:31 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.48	3.40	33120.2E6	26799.4E6	218.927	191.368
Spiked Amount	200.000		Recovery	=	109.46%	95.68%
2) S DCB	13.11	13.17	11148.9E6	5483.2E6	215.932	188.040
Spiked Amount	200.000		Recovery	=	107.97%	94.02%
<hr/>						
Target Compounds						
3) L2 Aroclor-1016	3.98	4.31	1557.9E6	1285.6E6	526.897	473.259
4) L2 Aroclor-1016 {2}	4.88	4.93	1604.1E6	2326.0E6	504.291	445.643
5) L2 Aroclor-1016 {3}	5.46	5.70	2716.4E6	5017.2E6	539.262	435.176
6) L2 Aroclor-1016 {4}	5.99	5.91	1264.1E6	2147.3E6	542.229	461.057
7) L2 Aroclor-1016 {5}	6.41	6.09	2203.7E6	1706.6E6	548.347	445.042
Sum Aroclor-1016			9346.2E6	12482.8E6	2661.026	2260.176
Average Aroclor-1016					532.205	452.035
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.26	8.75	6891.2E6	2545.6E6	582.415m	485.825
34) L8 Aroclor-1260 {2}	9.95	9.16	3412.1E6	2876.4E6	523.499	488.269
35) L8 Aroclor-1260 {3}	10.43	10.36	10776.5E6	2109.5E6	567.010	500.277
36) L8 Aroclor-1260 {4}	10.92	10.87	4875.8E6	4390.0E6	523.965	495.377
37) L8 Aroclor-1260 {5}	11.99	11.46	2074.5E6	3094.6E6	441.988m	524.004
Sum Aroclor-1260			28030.1E6	15016.2E6	2638.877	2493.752
Average Aroclor-1260					527.775	498.750
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-30-12\  
Data File : R3540.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Aug 2012 18:00  
Operator : YG  
Sample : 8082\_C\_IAS\_4395,0.5\_PPM  
Misc : NA,NA,NA,1  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Aug 31 13:50:13 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Fri Aug 31 13:49:31 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----

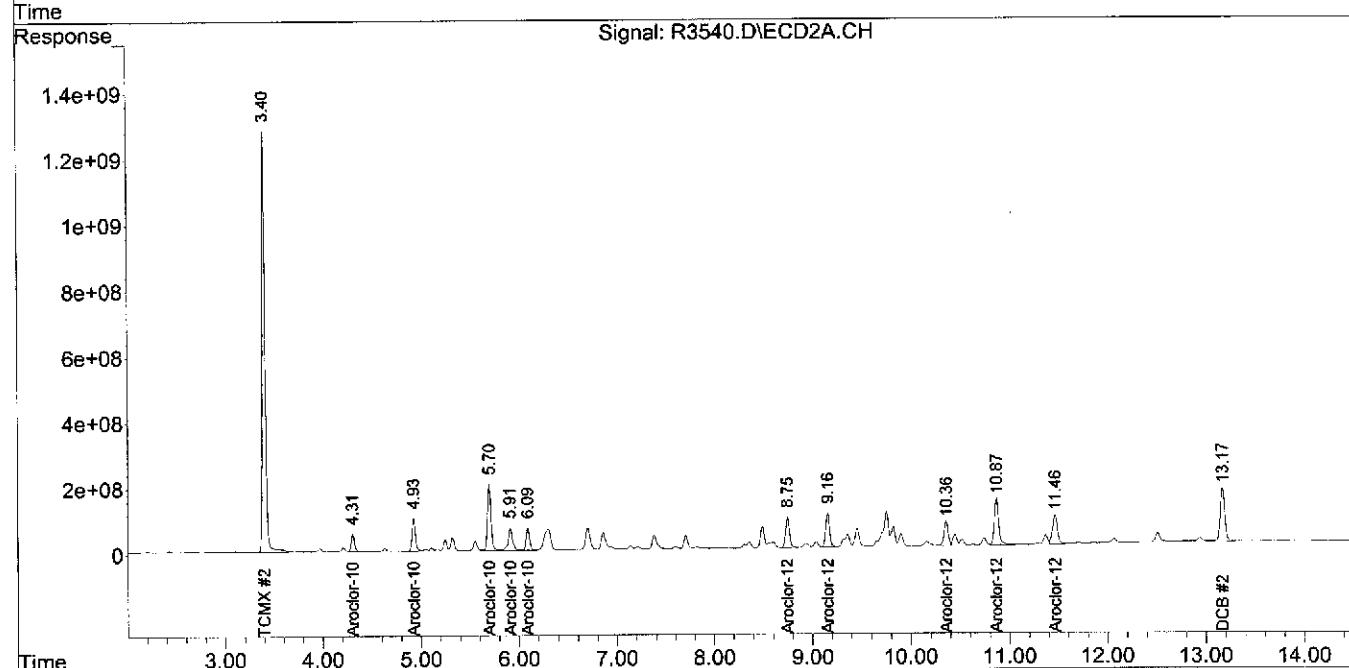
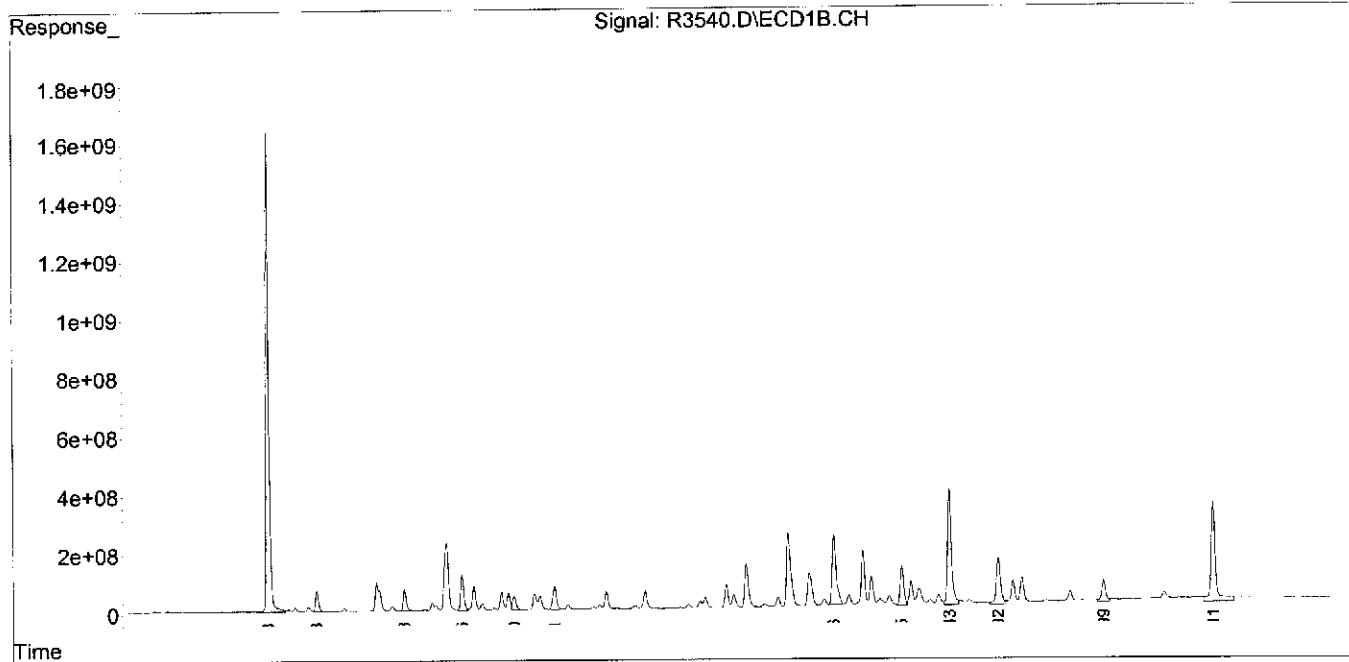
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-30-12\  
Data File : R3540.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 30 Aug 2012 18:00  
Operator : YG  
Sample : 8082\_C\_IAS\_4395,0.5\_PPM  
Misc : NA,NA,NA,1  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Aug 31 13:50:13 2012  
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M  
Quant Title :  
QLast Update : Fri Aug 31 13:49:31 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\08-27-12\  
 Data File : Y1152.D  
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
 Acq On : 27 Aug 2012 18:18  
 Operator : YG  
 Sample : 8082\_C\_IAS\_4395,0.5\_PPM  
 Misc : NA,NA,NA,1  
 ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
 Integration File signal 2: EVENTS2.E  
 Quant Time: Aug 28 07:54:45 2012  
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
 Quant Title :  
 QLast Update : Tue Aug 28 07:53:32 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.82	2.90	21209.0E6	5869.5E6	217.640	220.222
Spiked Amount	200.000			Recovery	= 108.82%	110.11%
2) S DCB	12.10	12.49	3669.2E6	1526.3E6	180.450	176.252
Spiked Amount	200.000			Recovery	= 90.22%	88.13%
<hr/>						
Target Compounds						
3) L2 Aroclor-1016	3.28	3.78	880.7E6	261.3E6	530.934	552.112
4) L2 Aroclor-1016 {2}	4.11	4.37	1186.5E6	511.4E6	505.095	541.858
5) L2 Aroclor-1016 {3}	4.66	5.13	1622.9E6	1155.8E6	510.953	556.281
5) L2 Aroclor-1016 {4}	5.16	5.33	768.0E6	491.5E6	512.119	549.933
7) L2 Aroclor-1016 {5}	5.56	5.51	1275.1E6	382.9E6	518.731	561.165
Sum Aroclor-1016			5733.4E6	2802.9E6	2577.832	2761.349
Average Aroclor-1016					515.566	552.270
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
3) L8 Aroclor-1260	8.33	7.87	3282.7E6	398.9E6	549.971	552.808
4) L8 Aroclor-1260 {2}	9.00	8.12	1324.3E6	590.9E6	575.740	566.787
5) L8 Aroclor-1260 {3}	9.48	9.71	3579.5E6	499.2E6	567.234	577.797
6) L8 Aroclor-1260 {4}	9.96	10.22	1655.1E6	1097.8E6	532.926	570.722
7) L8 Aroclor-1260 {5}	11.02	10.81	653.0E6	779.5E6	481.911	564.873
Sum Aroclor-1260			10494.7E6	3366.4E6	2707.783	2832.987
Average Aroclor-1260					541.557	566.597
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

ata Path : C:\MSDCHEM\1\DATA\08-27-12\  
ata File : Y1152.D  
ignal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
cq On : 27 Aug 2012 18:18  
perator : YG  
ample : 8082\_C\_IAS\_4395,0.5\_PPM  
isc : NA,NA,NA,1  
LS Vial : 3 Sample Multiplier: 1  
  
ntegration File signal 1: EVENTS.E  
ntegration File signal 2: EVENTS2.E  
uant Time: Aug 28 07:54:45 2012  
uant Method : C:\MSDCHEM\1\METHODS\YPCE0827.M  
uant Title :  
Last Update : Tue Aug 28 07:53:32 2012  
esponse via : Initial Calibration  
ntegrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----

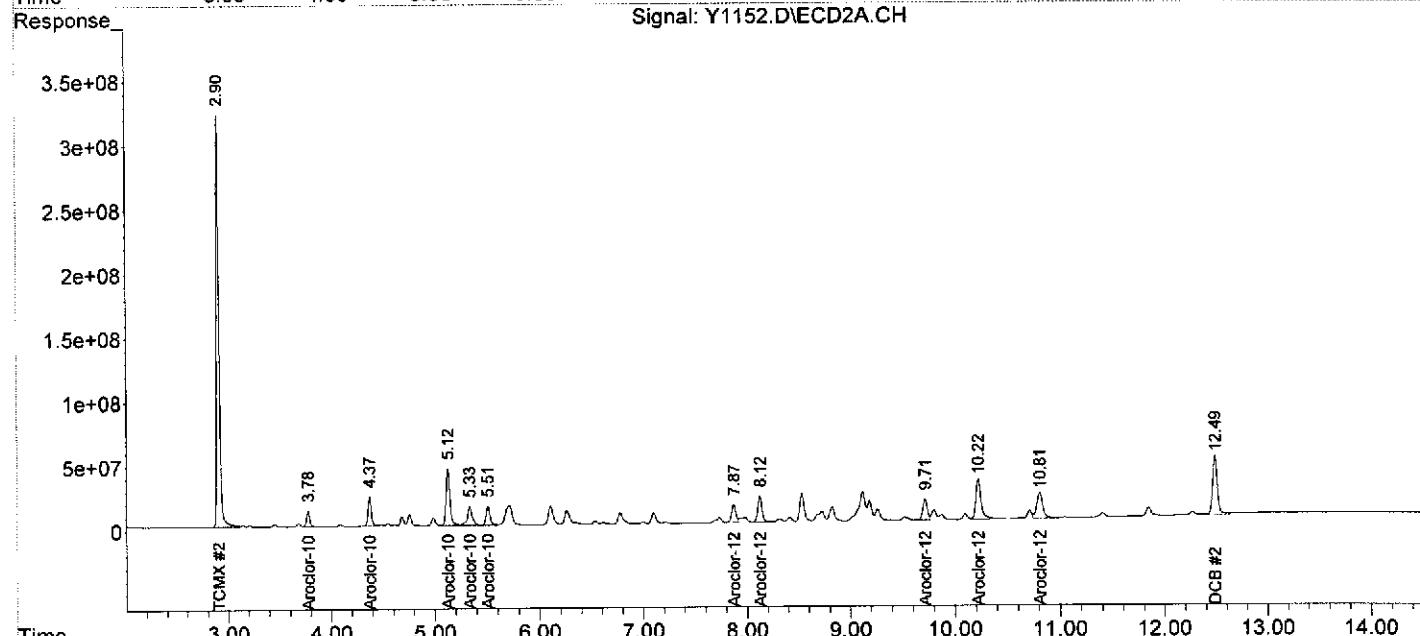
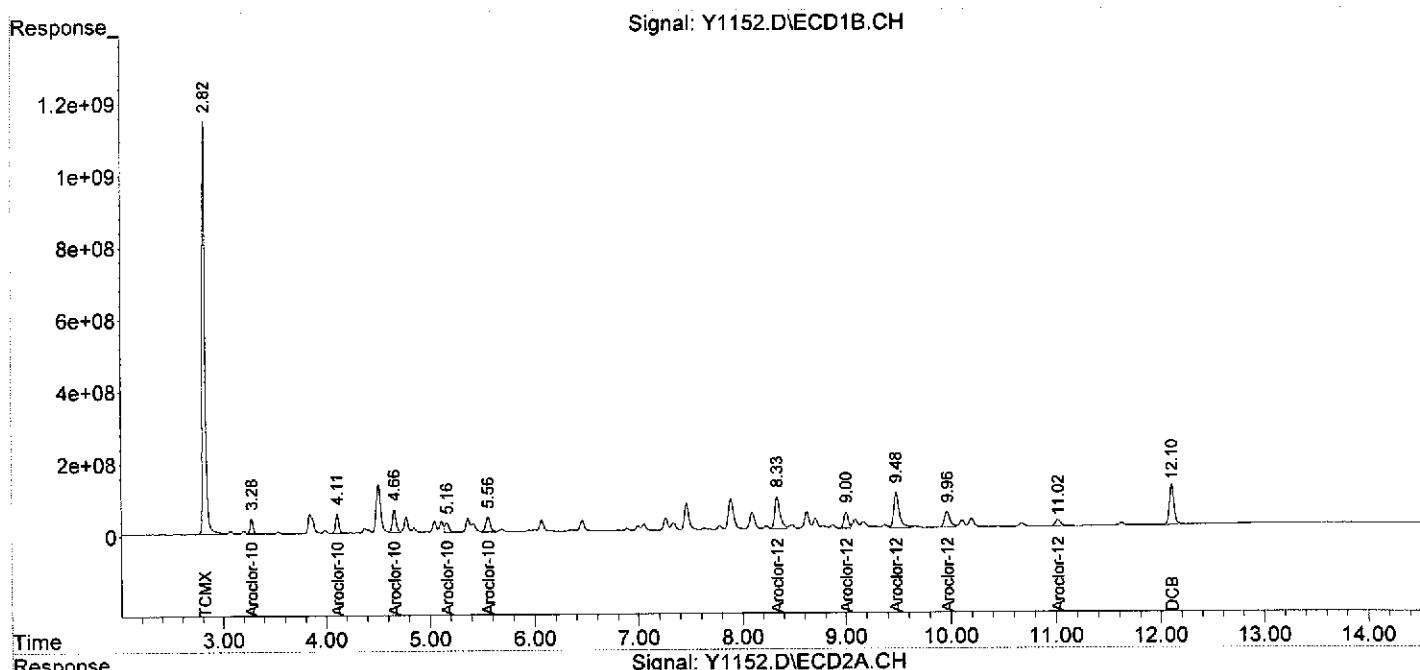
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

## Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-27-12\  
Data File : Y1152.D  
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH  
Acq On : 27 Aug 2012 18:18  
Operator : YG  
Sample : 8082\_C\_IAS\_4395, 0.5\_PPM  
Misc : NA,NA,NA,1  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E  
Integration File signal 2: EVENTS2.E  
Quant Time: Aug 28 07:54:45 2012  
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M  
Quant Title :  
QLast Update : Tue Aug 28 07:53:32 2012  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## **SAMPLE TRACKING**

---



Integrated Analytical Labs  
273 Franklin Rd  
Randolph, NJ 07869

Contact Us: 973 361-4262  
fax: 973 888-5268  
Web: www.ialonline.com

CUSTOMER INFO		REPORTING INFO		Turnaround Time (starts the following day if samples rec'd at lab > 5PM)												
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby		*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE												
Address: 2109 Bridge Ave., Bldg. B	Address:	same														
Point Pleasant, NJ 08742																
Telephone #: (732) 295-2144	Attn:															
Fax #: (732) 295-2150	FAX # (732) 295-2150															
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.														
EMAIL Address: jclabby@jmcevironmental.com	Address: 4 Tci Harbor Court															
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050															
Project Name: Asynco	(with copy to: JMC Environmental (attn.: J. Clabby))															
Project Location (State): NJ	Attn: Ed Kelly															
Bottle Order #:	PO # 22126															
Quote #: SR041205	Sample Matrix															
DW - Drinking Water AQ - Aqueous WW - Waste Water																
OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)																
S - Soil SL - Sludge SOL - Soln W - Wipe																
SAMPLE INFORMATION																
Client ID	Depth (ft only)	Sampling		# container(s)	IAL #	TCL PCB (8002)	ANALYTICAL PARAMETERS									
		Date	Time				HCl	HNCO	NaOH	HSO4^-	NaOZNAc	Stable				
GG-35 (0-2.0)		9/13/12	9:42	5	1	x										
GG-35 (20-40)			9:43	5	1	2	x									
GG-35 (40-50)			9:44	5	1	3	x									
GG-35 (50-60)			9:45	5	1	4	x									
Y-32 (0-2.0)			10:16	5	1	5	x									
Y-32 (20-40)			10:17	5	1	6	x									
Y-32 (40-50)			10:18	5	1	7	x									
Y-32 (50-60)		↓	10:19	5	1	8	x									
Known Hazard: Yes or No		Describe:		Conc. Expected:		Low	Med	High	MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)							

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one):  IAL Courier  Client Courier  FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Reli [ ] ished by:	9/13/12	Received by:	9/13/12	1500	
Reli [ ] ished by:	9/13/12	1730	Received by:	9/13/12	1730
Reli [ ] ished by:			Received by:		
Reli [ ] ished by:			Received by:		
Reli [ ] ished by:			Received by:		

Comments:

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Lab Case #

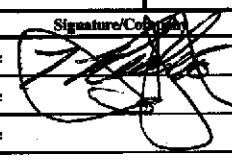
PAGE: 1 of 7

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CUSTOMER INFO		REPORTING INFO		Turnaround Time (starts the following day if samples rec'd at lab > 5PM)																							
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby		*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE																							
Address: 2109 Bridge Ave., Bldg. B	Address:	same																									
Point Pleasant, NJ 08742																											
Telephone #: (732) 295-2144	Attn:																										
Fax #: (732) 295-2150	FAX # (732) 295-2150																										
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.																									
EMAIL Address: jclabby@jmcevironmental.com	Address:	4 Tri Harbor Court																									
Sampler: Ailton Hallgreen, Steve Kosch	Port Washington, NY 11050																										
Project Name: Arayco	(with copy to: JMC Environmental (attn.: J. Clabby))																										
Project Location (State): NJ	Attn: Ed Kelly																										
Bottle Order #:	PO # 22126																										
Quote #: SR041205																											
SAMPLE INFORMATION														ANALYTICAL PARAMETERS								# BOTTLES & PRESERVATIVES					
<b>Samples Matrix</b> DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe																						HCl	HNO3	NaOH	H2SO4	NaCl/NaAc	Stain
Client ID	Depth (ft only)	Sampling		Matrix	# container(s)	IAL #	TCL PCB (8082)																				
		Date	Time																								
Y-31 (0-20)		9/13/12	10:47	S	1	9	x																				
Y-31 (20-40)			10:48	S	1	10	x																				
Y-31 (40-50)			10:49	S	1	11	x																				
Y-31 (50-60)			10:50	S	1	12	x																				
Y-30 (0-20)			11:20	S	1	13	x																				
Y-30 (1.0-2.0)			11:21	S	1	14	x																				
Y-30 (20-40)			11:22	S	1	15	x																				
Y-30 (40-50)		↓	11:23	S	1	16	x																				
Known Hazard: Yes or No	Describe:	Conc. Expected:	Low	Med	High	MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)																					

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one):	IAL Courier	Client Courier	FedEx/UPS		
Signature/Company:	Date:	Time:	Signature/Company:	Date:	Time:
Received by: 	9/13/12		Received by: 	9/13/12	10:00
Received by: 	9/13/12	1730	Received by: 	9/13/12	1730
Received by:			Received by:		
Received by:			Received by:		
Received by:			Received by:		

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Comments:
Lab Case #
09301
PAGE: 7 of 7

CUSTOMER INFO		REPORTING INFO		Turnaround Time (starts the following day if samples rec'd at lab > 5PM)																				
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby		*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE																				
Address: 2109 Bridge Ave., Bldg. B	Address:	same																						
Point Pleasant, NJ 07842	Attn:																							
Telephone #: (732) 295-2144																								
Fax #: (732) 295-2150	FAX # (732) 295-2150																							
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.																						
EMAIL Address: jclabby@jmcevironmental.com	Address: 4 Tri Harbor Court																							
Sampler: Alan Hallgreen, Steve Koech	Port Washington, NY 11050																							
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))																							
Project Location (State): NJ	Attn: Ed Kelly																							
Bottle Order #:	PO # 22126																							
Quote #: SR041205	Sample Matrix																							
DW - Drinking Water AQ - Aqueous WW - Waste Water																								
OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)																								
S - Soil SL - Sludge SOL - Solid W - Wipe																								
Client ID	Depth (ft only)	Sampling		# container(s)	IAL #	ANALYTICAL PARAMETERS												# BOTTLES & PRESERVATIVES						
		Date	Time			TCL PCB (6082)												HCl	HNO3	NaOH	H2SO4	NaOCl/NaOCl	Sterile	
Z-30 (5.0-6.0)	9/13/12	11:24	S	1	67	x																		
Z-30 (0-2.0)		11:40	S	1	18	x																		
Z-30 (2.0-4.0)		11:41	S	1	19	x																		
Z-30 (4.0-5.0)		11:42	S	1	20	x																		
Z-30 (5.0-6.0)		11:43	S	1	21	x																		
Z-30 (6.0-8.0)		11:44	S	1	22	x																		
Z-31 (0-1.0)		12:00	S	1	23	x																		
Z-31 (2.0-4.0)	V	12:01	S	1	24	x																		
Known Hazard: Yes or No		Describe:		Conc. Expected: Low Med High		MDL Req: GWQS (11/05) - SRS - SRS/JGW - SRS Residential - OTHER (SEE COMMENTS)																		

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one):	IAL Courier	Client Courier	FedEx/UPS		
Signature/Company	Date	Time	Signature/Company	Date	Time
Received by:	9/13/12	Received by:	9/13/12 1800		
Received by:	9/13/12 1730	Received by:	9/13/12 1730		
Received by:		Received by:			
Received by:		Received by:			
Received by:		Received by:			

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Comments:

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Lab Case #

09301

PAGE: 3 of 7

CUSTOMER INFO		REPORTING INFO	
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby	
Address: 2109 Bridge Ave., Bldg. B	Address:	same	
Point Pleasant, NJ 08742			
Telephone #: (732) 295-2144	Attn:		
Fax #: (732) 295-2150	FAX # (732) 295-2150		
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.	
EMAIL Address: jclabby@jmceenvironmental.com	Address:	4 Tri Harbor Court	
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050		
Project Name: Arsynco	(with copy to: IMC Environmental (attn: J. Clabby))		
Project Location (State): NJ	Attn: Ed Kelly		
Bottle Order #:	PO # 22126		
Quote # : SR041205	Sample Matrix		
DW - Drinking Water AQ - Aqueous WW - Waste Water			
OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)			
S - Soil SL - Sludge SOL - Solid W - Wipe			

**SAMPLE INFORMATION**

Client ID	Depth (ft only)	Sampling		# container s	IAL #	TCL PCB (8082)	TCL 7C13 Extender +	ANALYTICAL PARAMETERS										# BOTTLES & PRESERVATIVES	
		Date	Time																
Z-31 (4.0-5.0)		9/13/12	12:02	S	25	x													HCl
Z-31 (5.0-5.25)			12:03	S	26	x													HFNO
Z-31 (5.25-6.0)			12:04	S	27	x													MeOH
W-40 (6.5-7.0)			1:07	S	28	x													H2SO4
W-40 (7.0-8.0)			1:08	S	29	x													NAOH/ZNAC
W-40 (8.0-9.0)			1:09	S	30	x													Starch
W-40 (9.0-10.0)			1:10	S	31	x													
U-38 (8.0-9.0)	✓		1:27	S	32	x													

Known Hazard: Yes or No

Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one):  IAI Courier  Client Courier  FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Received by: <i>Chris O'Leary</i>	9/13/12		Received by: <i>John Lefebvre</i>	9/13/12	1530
Received by: <i>John Lefebvre</i>	9/13/12	1730	Received by: <i>John Lefebvre</i>	9/13/12	1736
Received by:			Received by:		
Received by:			Received by:		
Received by:			Received by:		

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Comments:

Lab Case #

09301

PAGE: 4 of 7

CUSTOMER INFO		REPORTING INFO		Turnaround Time (starts the following day if samples rec'd at lab > 5PM)																		
Company: JMC Environmental Consultants, Inc.		REPORT TO: James Clabby		*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE																		
Address: 2109 Bridge Ave., Bldg. B		Address: same		PHC - MUST CHOOSE						Rush TAT Charge **	Report Format	EDDs										
Point Pleasant, NJ 07872				NJ EPH DRO (5 day TAT)		NJ EPH Fractionated (5 day TAT)						SRP form										
Telephone #: (732) 295-2144		Attn:		NJ EPH - C40 (5 day TAT)		QAM025 (5 day TAT)				24 hr - 100 %...	Results Only											
Fax #: (732) 295-2150		FAX # (732) 295-2150		DRO-8015 (3-5 day TAT)						48 hr - 75 %...	Reduced	Lab approved custom EDD										
Project Manager: James Clabby		INVOICE TO: Aceo Corp.		Verbal/Fax: Std 2 wk unless otherwise specified						72 hr - 50 %...												
EMAIL Address: jclabby@jmcoenvironmental.com		Address: 4 Tri Harbor Court								96 hr - 35 %...	Regulatory - 15% Surcharge applies											
Sampler: Alton Hallgreen, Steve Kosch		Port Washington, NY 11050								5 day - 25 %...	Other	NO EDD/CD REQ'D										
Project Name: Arsynco		(with copy to: JMC Environmental (attn.: J. Clabby))								6-9 day 10 %	(describe)											
Project Location (State): NJ		Attn: Ed Kelly		Other** (specify):							Cooler Temp	4 °C										
Bottle Order #:		PO # 22126		Hard Copy: Std 3 week *		Other - call for price																
Quote #: SR041205		Sample Matrix		ANALYTICAL PARAMETERS										# BOTTLES & PRESERVATIVES								
		DW - Drinking Water AQ - Aqueous WW - Waste Water												HCl	HNO3	NaOH	H2SO4	NaBH4/NaCl				
		OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)																				
		S - Soil SL - Sludge SOL - Solid W - Wipe																				
SAMPLE INFORMATION		Depth (ft only)	Sampling					TCL PCB (9082)														
			Date	Time	Matrix	# container's	IAL #															
			9/13/12	1:25	S	1	33												x			
			9/13/12	1:26	S	1	34												x			
				1:55	S	1	35												x			
				1:56	S	1	36												x			
				1:57	S	1	37												x			
				1:58	S	1	38												x			
				1:59	S	1	39												x			
	2:25	S	1	40											x							
Known Hazard: Yes or No		Describe:		Conc. Expected: Low Med High		MDL Req: GWQS (11/05) - SRS - SRS/GW - SRS Residential - OTHER (SEE COMMENTS)																

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one):  IAL Courier  Client Courier  FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
<input checked="" type="checkbox"/> pushed by: <i>James Clabby</i>	9/13/12		Received by: <i>James Clabby</i>	9/13/12	00
<input checked="" type="checkbox"/> pushed by: <i>James Clabby</i>	9/13/12	1730	Received by: <i>James Clabby</i>	9/13/12	1730
<input checked="" type="checkbox"/> pushed by:			Received by:		
<input checked="" type="checkbox"/> pushed by:			Received by:		
<input checked="" type="checkbox"/> pushed by:			Received by:		
<input checked="" type="checkbox"/> pushed by:			Received by:		
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Comments:

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Lab Case #

09301

PAGE: 5 of 7



Integrated Analytical Labs  
273 Franklin Rd  
Randolph, NJ 07869

Customer Case # 07-001-0001  
fax: 973 969-5288  
Web: www.ialonline.com

CUSTOMER INFO		REPORTING INFO		Turnaround Time (starts the following day if samples rec'd at lab > 5PM)																																											
Company: JMC Environmental Consultants, Inc.	REPORT TO: James Clabby	*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE.																																													
Address: 2109 Bridge Ave., Bldg. B Point Pleasant, NJ 07872	Address: same																																														
Telephone #: (732) 295-2144	Attn:																																														
Fax #: (732) 295-2150	FAX #: (732) 295-2150																																														
Project Manager: James Clabby	INVOICE TO: Aceto Corp.																																														
EMAIL Address: jclabby@jmceenvironmental.com	Address: 4 Trl Harbor Court																																														
Sampler: Alton Hallgreen, Steve Koech	Port Washington, NY 11050																																														
Project Name: Argynco	(with copy to: JMC Environmental (attn.: J. Clabby))																																														
Project Location (State): NJ	Attn: Ed Kelly																																														
Bottle Order #:	PO # 22126																																														
Quote #: SR041205																																															
<b>SAMPLE INFORMATION</b> <table border="1"> <thead> <tr> <th colspan="12">Sample Matrix</th> </tr> <tr> <th>DW - Drinking Water</th> <th>AQ - Aqueous</th> <th>WW - Waste Water</th> <th>OT - Oil</th> <th>Liq - Liquid (Specify)</th> <th>OT - Other (Specify)</th> <th>S - Soil</th> <th>SL - Sludge</th> <th>SOL - Solid</th> <th>W - Wipe</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td></td> </tr> </tbody> </table>												Sample Matrix												DW - Drinking Water	AQ - Aqueous	WW - Waste Water	OT - Oil	Liq - Liquid (Specify)	OT - Other (Specify)	S - Soil	SL - Sludge	SOL - Solid	W - Wipe														
Sample Matrix																																															
DW - Drinking Water	AQ - Aqueous	WW - Waste Water	OT - Oil	Liq - Liquid (Specify)	OT - Other (Specify)	S - Soil	SL - Sludge	SOL - Solid	W - Wipe																																						
Client ID	Depth (ft only)	Date	Time	Matrix	# container(s)	IAL #	TCL PCB (8082)	# BOTTLES & PRESERVATIVES																																							
U-35 (2.0-40)		9/13/12	2:26	S	1	41	x	HCl	SiO2	MeOH	H2SO4	NaOH/NaAc																																			
U-35 (40-525)			2:27	S	1	42	x																																								
U-35 (5.25-6.0)			2:28	S	1	43	x																																								
Z-32 (0-2.0)			12:25	S	1	44	x																																								
Z-32 (2.0-40)			12:26	S	1	45	x																																								
Z-32 (4.0-60)			12:27	S	1	46	x																																								
Z-32 (5.0-55)			12:28	S	1	47	x																																								
Z-32 (5.5-60)	V		12:29	S	1	48	x																																								
Known Hazard: Yes or No		Describe:			Cone. Expected: Low Med High	MDL Req: CWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)																																									

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one):  IAL Courier  Client Courier  FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
R <input checked="" type="checkbox"/> pushed by: <i>Alton Hallgreen</i>	9/13/12		Received by: <i>James Clabby</i>	9/13/12	1:00
R <input type="checkbox"/> pushed by: <i>Traylor</i>	9/13/12		Received by: <i>James Clabby</i>	9/13/12	1730
R <input type="checkbox"/> pushed by:			Received by:		
R <input type="checkbox"/> pushed by:			Received by:		
R <input type="checkbox"/> pushed by:			Received by:		
R <input type="checkbox"/> pushed by:			Received by:		

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Comments:  
  
  
  
  
Lab Case # **09301** PAGE: **6 of 7**



CUSTOMER INFO		REPORTING INFO		Turnaround Time (starts the following day if samples rec'd at lab > 5PM)																	
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby		*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE																	
Address: 2109 Bridge Ave., Bldg. B	Address:	same																			
Point Pleasant, NJ 08742																					
Telephone #: (732) 295-2144	Attn:																				
Fax #: (732) 295-2150	FAX # (732) 295-2150																				
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.																			
EMAIL Address: jclabby@jmcevironmental.com	Address:	4 Tri Harbor Court																			
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050																				
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))																				
Project Location (State): NJ	Attn: Ed Kelly																				
Bottle Order #:	PO # 22126																				
Quote #: SR041205																					
SAMPLE INFORMATION												ANALYTICAL PARAMETERS									
<b>Sample Matrix</b> DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe												<b># BOTTLES &amp; PRESERVATIVES</b> HCl HNO3 NaOH H2SO4 NaOH/ZnAc Sterile									
Client ID	Depth (ft only)	Sampling				TCL PCB (9082)															
		Date	Time	Matrix	# container(s)		IAL #														
FB-42		9/13/12	8:40	AQ	2	49	x														
							x														
							x														
							x														
							x														
							x														
							x														
Known Hazard: Yes or No		Describe:		Conc. Expected:		Low	Med	High	MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)												

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): <input type="checkbox"/> IAL Courier <input type="checkbox"/> Client Courier <input type="checkbox"/> FedEx/UPS			Comments:		
Signature/Company	Date	Time	Signature/Company	Date	Time
R <input type="checkbox"/> pushed by: <i>Alton Hallgreen</i>	9/13/12		Received by: <i>J. Clabby</i>	9/13/12	1500
R <input type="checkbox"/> pushed by: <i>Alton Hallgreen</i>	9/13/12	1730	Received by: <i>J. Clabby</i>	9/13/12	1730
R <input type="checkbox"/> pushed by:			Received by:		
R <input type="checkbox"/> pushed by:			Received by:		
R <input type="checkbox"/> pushed by:			Received by:		
L <input type="checkbox"/> COPIES - WHITE & YELLOW; CLIENT COPY - PINK					
			Lab Case # <b>0930</b>		
			PAGE: <b>7 of 7</b>		

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# PROJECT INFORMATION



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Case No. E12-09301

Project ARSYNCO

<b>Customer</b>	JMC Environmental Consultants	<b>P.O. #</b>	22126
<b>Contact</b>	Jim Clabby	<b>Received</b>	9/13/2012 17:30
<b>EMail</b>	jclabby@jmcenvironmental.com;	<b>Verbal Due</b>	9/28/2012
<b>Phone</b>	ahallgreen@jmcenvironmental.co tadams@jmcenvironmental.co (732) 295-2144	<b>Fax</b>	(732) 295-2150
<b>Report To</b>		<b>Report Due</b>	10/5/2012
2109 Bridge Avenue		<b>Bill To</b>	
Building B		Aceto Corp.	
Point Pleasant, NJ 08742		4 Tri Harbor Court	
Attn: Jim Clabby		Port Washington, NY 11050	
<b>Report Format</b> Reduced			
<b>Additional Info</b> <input type="checkbox"/> State Form <input type="checkbox"/> Field Sampling <input type="checkbox"/> Conditional VOA			

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
09301-001	GG-35 (0-2.0)	0 / 2	9/13/2012@09:42	Soil	mg/Kg	1
09301-002	GG-35 (2.0-4.0)	2 / 4	9/13/2012@09:43	Soil	mg/Kg	1
09301-003	GG-35 (4.0-5.0)	4 / 5	9/13/2012@09:44	Soil	mg/Kg	1
09301-004	GG-35 (5.0-6.0)	5 / 6	9/13/2012@09:45	Soil	mg/Kg	1
09301-005	Y-32 (0-2.0)	0 / 2	9/13/2012@10:16	Soil	mg/Kg	1
09301-006	Y-32 (2.0-4.0)	2 / 4	9/13/2012@10:17	Soil	mg/Kg	1
09301-007	Y-32 (4.0-5.0)	4 / 5	9/13/2012@10:18	Soil	mg/Kg	1
09301-008	Y-32 (5.0-6.0)	5 / 6	9/13/2012@10:19	Soil	mg/Kg	1
09301-009	Y-31 (0-2.0)	0 / 2	9/13/2012@10:47	Soil	mg/Kg	1
09301-010	Y-31 (2.0-4.0)	2 / 4	9/13/2012@10:48	Soil	mg/Kg	1
09301-011	Y-31 (4.0-5.0)	4 / 5	9/13/2012@10:49	Soil	mg/Kg	1
09301-012	Y-31 (5.0-6.0)	5 / 6	9/13/2012@10:50	Soil	mg/Kg	1
09301-013	Y-30 (0-1.0)	0 / 1	9/13/2012@11:20	Soil	mg/Kg	1
09301-014	Y-30 (1.0-2.0)	1 / 2	9/13/2012@11:21	Soil	mg/Kg	1
09301-015	Y-30 (2.0-4.0)	2 / 4	9/13/2012@11:22	Soil	mg/Kg	1
09301-016	Y-30 (4.0-5.0)	4 / 5	9/13/2012@11:23	Soil	mg/Kg	1
09301-017	Y-30 (5.0-6.0)	5 / 6	9/13/2012@11:24	Soil	mg/Kg	1
09301-018	Z-30 (0-2.0)	0 / 2	9/13/2012@11:40	Soil	mg/Kg	1
09301-019	Z-30 (2.0-4.0)	2 / 4	9/13/2012@11:41	Soil	mg/Kg	1
09301-020	Z-30 (4.0-5.0)	4 / 5	9/13/2012@11:42	Soil	mg/Kg	1
09301-021	Z-30 (5.0-6.0)	5 / 6	9/13/2012@11:43	Soil	mg/Kg	1
09301-022	Z-30 (6.0-8.0)	6 / 8	9/13/2012@11:44	Soil	mg/Kg	1
09301-023	Z-31 (0-2.0)	0 / 2	9/13/2012@12:00	Soil	mg/Kg	1
09301-024	Z-31 (2.0-4.0)	2 / 4	9/13/2012@12:01	Soil	mg/Kg	1
09301-025	Z-31 (4.0-5.0)	4 / 5	9/13/2012@12:02	Soil	mg/Kg	1
09301-026	Z-31 (5.0-5.25)	5 / 5.25	9/13/2012@12:03	Soil	mg/Kg	1
09301-027	Z-31 (5.25-6.0)	5.25 / 6	9/13/2012@12:04	Soil	mg/Kg	1
09301-028	W-40 (6.5-7.0)	6.5 / 7	9/13/2012@13:07	Soil	mg/Kg	1

# PROJECT INFORMATION



E 1 2 - 0 9 3 0 1

Case No. **E12-09301**

Project **ARSYNC**

<u>Lab ID</u>	<u>Client Sample ID</u>	<u>Depth Top / Bottom</u>	<u>Sampling Time</u>	<u>Matrix</u>	<u>Unit</u>	<u># of Containers</u>
09301-029	W-40 (7.0-8.0)	7 / 8	9/13/2012@13:08	Soil	mg/Kg	1
09301-030	W-40 (8.0-9.0)	8 / 9	9/13/2012@13:09	Soil	mg/Kg	1
09301-031	W-40 (9.0-10.0)	9 / 10	9/13/2012@13:10	Soil	mg/Kg	1
09301-032	U-38 (8.0-9.0)	8 / 9	9/13/2012@13:27	Soil	mg/Kg	1
09301-033	U-38 (6.0-7.0)	6 / 7	9/13/2012@13:25	Soil	mg/Kg	1
09301-034	U-38 (7.0-8.0)	7 / 8	9/13/2012@13:26	Soil	mg/Kg	1
09301-035	T-35 (0-1.0)	0 / 1	9/13/2012@13:55	Soil	mg/Kg	1
09301-036	T-35 (1.0-2.0)	1 / 2	9/13/2012@13:56	Soil	mg/Kg	1
09301-037	T-35 (2.0-4.0)	2 / 4	9/13/2012@13:57	Soil	mg/Kg	1
09301-038	T-35 (4.0-5.0)	4 / 5	9/13/2012@13:58	Soil	mg/Kg	1
09301-039	T-35 (5.0-6.0)	5 / 6	9/13/2012@13:59	Soil	mg/Kg	1
09301-040	U-35 (0-2.0)	0 / 2	9/13/2012@14:25	Soil	mg/Kg	1
09301-041	U-35 (2.0-4.0)	2 / 4	9/13/2012@14:26	Soil	mg/Kg	1
09301-042	U-35 (4.0-5.25)	4 / 5.25	9/13/2012@14:27	Soil	mg/Kg	1
09301-043	U-35 (5.25-6.0)	5.25 / 6	9/13/2012@14:28	Soil	mg/Kg	1
09301-044	Z-32 (0-2.0)	0 / 2	9/13/2012@12:25	Soil	mg/Kg	1
09301-045	Z-32 (2.0-4.0)	2 / 4	9/13/2012@12:26	Soil	mg/Kg	1
09301-046	Z-32 (4.0-5.0)	4 / 5	9/13/2012@12:27	Soil	mg/Kg	1
09301-047	Z-32 (5.0-5.5)	5 / 5.5	9/13/2012@12:28	Soil	mg/Kg	1
09301-048	Z-32 (5.5-6.0)	5.5 / 6	9/13/2012@12:29	Soil	mg/Kg	1
09301-049	FB-42	n/a	9/13/2012@14:40	Aqueous	mg/L	2

<u>Sample #</u>	<u>Tests</u>	<u>Status</u>	<u>QA Method</u>
001	TCL PCB	Complete	8082
002	TCL PCB	Complete	8082
003	TCL PCB	Complete	8082
004	TCL PCB	Complete	8082
005	TCL PCB	Complete	8082
006	TCL PCB	Complete	8082
007	TCL PCB	Complete	8082
008	TCL PCB	Complete	8082
009	TCL PCB	Complete	8082
010	TCL PCB	Complete	8082
011	TCL PCB	Complete	8082
012	TCL PCB	Complete	8082
013	TCL PCB	Complete	8082
014	TCL PCB	Complete	8082
015	TCL PCB	Complete	8082
016	TCL PCB	Complete	8082
017	TCL PCB	Complete	8082
018	TCL PCB	Complete	8082
019	TCL PCB	Complete	8082
020	TCL PCB	Complete	8082
021	TCL PCB	Complete	8082
022	TCL PCB	Complete	8082

# PROJECT INFORMATION



E 1 2 - 0 9 3 0 1

Case No. **E12-09301**Project **ARSYNCO**

<u>Sample #</u>	<u>Tests</u>	<u>Status</u>	<u>QA Method</u>
023	TCL PCB	Complete	8082
024	TCL PCB	Complete	8082
025	TCL PCB	Complete	8082
026	TCL PCB	Complete	8082
027	TCL PCB	Complete	8082
028	TCL PCB	Complete	8082
029	TCL PCB	Complete	8082
030	TCL PCB	Complete	8082
031	Extract Hold(PCB)	Complete	8082
"	TCL PCB	Cancel	8082
032	Extract Hold(PCB)	Complete	8082
"	TCL PCB	Cancel	8082
033	TCL PCB	Complete	8082
034	TCL PCB	Complete	8082
035	TCL PCB	Complete	8082
036	TCL PCB	Complete	8082
037	TCL PCB	Complete	8082
038	TCL PCB	Complete	8082
039	TCL PCB	Complete	8082
040	TCL PCB	Complete	8082
041	TCL PCB	Complete	8082
042	TCL PCB	Complete	8082
043	TCL PCB	Complete	8082
044	TCL PCB	Complete	8082
045	TCL PCB	Complete	8082
046	TCL PCB	Complete	8082
047	TCL PCB	Complete	8082
048	TCL PCB	Complete	8082
049	TCL PCB	Complete	8082

**09/14/2012 13:41 by Ellen - NOTE 1**

SEE QUOTE SR041205-R1 FOR PRICING.

**09/14/2012 17:35 by kim - REV 1**

09301-031 and 09301-032 are to be Extract and Hold, per Steve Kosch.

**10/10/2012 15:38 by Brian - REV 2**

As per Jim Clabby, cancel TCL PCB for sample # 31,32

## INTEGRATED ANALYTICAL LABORATORIES, LLC

## SAMPLE RECEIPT VERIFICATION

CASE NO: E 12

09301

CLIENT:

JMC

COOLER TEMPERATURE: 2° - 6°C: 

( See Chain of Custody)

Comments

COC: **COMPLETE** / INCOMPLETE

KEY

- |                                     |          |
|-------------------------------------|----------|
| <input checked="" type="checkbox"/> | = YES/NA |
| <input checked="" type="checkbox"/> | = NO     |

- Bottles Intact
- no-Missing Bottles
- no-Extra Bottles

- Sufficient Sample Volume
- no-headspace/bubbles in VOs
- Labels intact/correct
- pH Check (exclude VOs)<sup>1</sup>
- Correct bottles/preservative
- Sufficient Holding/Prep Time<sup>1</sup>
- Sample to be Subcontracted
- Chain of Custody is Clear

<sup>1</sup>All samples with "Analyze Immediately" holding times will be analyzed by this laboratory past the holding time. This includes but is not limited to the following tests: pH, Temperature, Free Residual Chlorine, Total Residual Chlorine, Dissolved Oxygen, Sulfite.

ADDITIONAL COMMENTS:

SAMPLE(S) VERIFIED BY:

INITIAL

DATE

9/14/12

CORRECTIVE ACTION REQUIRED:

YES

(SEE BELOW)

NO

If COC is NOT clear, **STOP** until you get client to authorize/clarify work.

CLIENT NOTIFIED:

YES

Date/ Time:

NO

PROJECT CONTACT:

SUBCONTRACTED LAB:

DATE SHIPPED:

ADDITIONAL COMMENTS:

VERIFIED/TAKEN BY:

INITIAL

KJ

DATE

9/14/12

E12-09301 0253

REV 03/2009

# Laboratory Custody Chronicle

**IAL Case No.**

**E12-09301**

**Client** JMC Environmental Consultants

**Project** ARSYNCO

**Received On** 9/13/2012@17:30

**Department: GC**

			<b>Prep. Date</b>	<b>Analyst</b>	<b>Analysis Date</b>	<b>Analyst</b>
TCL PCB	09301-001	Soil	9/21/12	Archimede	9/24/12	Julia
"	-002	"	9/21/12	Archimede	9/24/12	Julia
"	-003	"	9/21/12	Archimede	9/21/12	Julia
"	-004	"	9/21/12	Archimede	9/21/12	Julia
"	-005	"	9/21/12	Archimede	9/21/12	Julia
"	-006	"	9/21/12	Archimede	9/24/12	Julia
"	-007	"	9/21/12	Archimede	9/21/12	Julia
"	-008	"	9/21/12	Archimede	9/21/12	Julia
"	-009	"	9/21/12	Archimede	9/21/12	Julia
"	-010	"	9/21/12	Archimede	9/21/12	Julia
"	-011	"	9/21/12	Archimede	9/21/12	Julia
"	-012	"	9/21/12	Archimede	9/21/12	Julia
"	-013	"	9/21/12	Archimede	9/21/12	Julia
"	-014	"	9/21/12	Archimede	9/24/12	Julia
"	-015	"	9/21/12	Archimede	9/21/12	Julia
"	-016	"	9/21/12	Archimede	9/24/12	Julia
"	-017	"	9/21/12	Archimede	9/21/12	Julia
"	-018	"	9/21/12	Archimede	9/21/12	Julia
"	-019	"	9/21/12	Archimede	9/21/12	Julia
"	-020	"	9/21/12	Archimede	9/21/12	Julia
"	-021	"	9/24/12	Archimede	9/25/12	Julia
"	-022	"	9/24/12	Archimede	9/25/12	Julia
"	-023	"	9/24/12	Archimede	9/25/12	Julia
"	-024	"	9/24/12	Archimede	9/25/12	Julia
"	-025	"	9/24/12	Archimede	9/25/12	Julia
"	-026	"	9/24/12	Archimede	9/25/12	Julia
"	-027	"	9/24/12	Archimede	9/25/12	Julia
"	-028	"	9/24/12	Archimede	9/25/12	Julia
"	-029	"	9/24/12	Archimede	9/25/12	Julia
"	-030	"	9/24/12	Archimede	9/25/12	Julia
"	-033	"	9/24/12	Archimede	9/25/12	Julia
"	-034	"	9/24/12	Archimede	9/25/12	Julia
"	-035	"	9/24/12	Archimede	9/26/12	Julia
"	-036	"	9/24/12	Archimede	9/26/12	Julia
"	-037	"	9/24/12	Archimede	9/26/12	Julia
"	-038	"	9/24/12	Archimede	9/26/12	Julia
"	-039	"	9/24/12	Archimede	9/26/12	Julia
"	-040	"	9/24/12	Archimede	9/26/12	Julia
"	-041	"	9/24/12	Archimede	9/27/12	Julia
"	-042	"	9/24/12	Archimede	9/27/12	Julia
"	-043	"	9/24/12	Archimede	9/27/12	Julia
"	-044	"	9/24/12	Archimede	9/27/12	Julia
"	-045	"	9/24/12	Archimede	9/27/12	Julia
"	-046	"	9/24/12	Archimede	9/27/12	Julia
"	-047	"	9/24/12	Archimede	9/27/12	Julia
"	-048	"	9/24/12	Archimede	9/27/12	Julia

# Laboratory Custody Chronicle

**IAL Case No.**

**E12-09301**

**Client** JMC Environmental Consultants

**Project** ARSYNCO

**Received On** 9/13/2012@17:30

-049 Aqueous

9/20/12

Archimede

9/25/12

Julia